Two-Boat Trawl, Gillnet, Purse Seine, Angling, Fish Trap and Fry Trap Catches of Salmonids, and Other Fishes Captured in Masset Inlet, B.C., in 1983, 1984, and 1985

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The correct citation appears above the abstract of each report.

Rapport statistique canadien des sciences halieutiques et aquatiques

Ces rapports servent de base à la compilation des données de classement et d'archives pour lesquelles il y a peu ou point d'analyse. Cette compilation aura d'ordinaire été préparée pour appuyer d'autres publications ou rapports. Les sujets des Rapports statistiques reflètent la vaste gamme des intérêts et politiques du Ministère des Pêches et des Océans, notamment gestion des pêches, techniques et développement, sciences océaniques et environnements aquatiques, au Canada.

Les numéros 1 à 25 de cette série ont été publiés à titre de Records statistiques, Service des pêches et de la mer. Les numéros 26-160 ont été publiés à titre de Rapports statistiques du Service des pêches et de la mer, Ministère des Pêches et de l'Environnement. Le nom de la série a été modifié à partir du numéro 161.

Le titre exact paraît au haut du résumé de chaque rapport.

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TWO-BOAT TRAWL, GILLNET, PURSE SEINE, ANGLING, FISH TRAP AND FRY TRAP CATCHES OF SALMONIDS, AND OTHER FISHES CAPTURED IN MASSET INLET, B.C., IN 1983, 1984, AND 1985

by

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ABSTRACT

Hargreaves, N. B., B. A. Patten, E. W. Carter, and R. J. LeBrasseur. 1988. Two-boat trawl, gillnet, purse seine, angling, fish trap, and fry trap catches of salmonids and other fishes captured in Masset Inlet, B.C., in 1983, 1984 and 1985. Can. Data Rep. Fish. Aquat. Sci. 687: 177 p.

This report summarizes data for all fish captured by two-boat trawl, gillnet, purse seine, angling, fish trap, and fry trap in Masset Inlet and Juskatla Inlet, B.C. during 1983-1985. This data was obtained as part of a study designed to investigate the mortality of juvenile pink and chum salmon during early sea-life. Sampling was conducted for several purposes: to determine juvenile salmon abundance, to collect predators of juvenile salmon, and to obtain fish for enclosure experiments. Sampling began in March or early April and continued until early July each year.

RÉSUMÉ

Hargreaves, N. B., B. A. Patten, E. W. Carter, and R. J. LeBrasseur. 1988. Two-boat trawl, gillnet, purse seine, angling, fish trap, and fry trap catches of salmonids and other fishes captured in Masset Inlet, B.C., in 1983, 1984 and 1985. Can. Data Rep. Fish. Aquat. Sci. 687: 177 p.

Le présent rapport résume les données sur tous les poissons capturés par chalut boeuf, filet maillant, senne coulissante, pêche à la ligne, piège à poissons et pièges à alevins dans les inlets Masset et Juskatla (C.-B.) de 1983 à 1985. Ces données ont été obtenues dans le cadre d'une étude conçue dans le but d'étudier la mortalité des juvéniles des saumons rose et kéta au début de leur vie en mer. L'échantillonnage avait plusieurs objectifs: déterminer l'abondance des saumons juvéniles, capturer des prédateurs de saumons juvéniles et obtenir des poissons pour des études en parcs. Les prélèvements ont débuté en mars ou au début d'avril et ont cessé au début de juillet de chaque année.

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INTRODUCTION

Masset Inlet is a large (220 km^2) tidal basin located on Graham Island in the Queen Charlotte Island group. It accepts discharge from Juskatla Inlet and is connected to the Pacific Ocean (Dixon Entrance) via Masset Sound, a long (38 km) and narrow (2-4 km) channel (Fig. 1). Masset Inlet supports the largest runs of pink salmon in the Queen Charlotte Islands, as well as substantial stocks of other salmonid species. The Masset Inlet stocks of pink salmon are somewhat unusual in that the disparity between even and odd numbered years is very strong, with historic highs of 1 to 2 million adult pinks returning in even numbered years and no pinks returning in odd numbered years (Neave 1962). In addition, the number of pink salmon returning to Masset Inlet in even numbered years has historically undergone dramatic fluctuations from year to year, and during the period of 1970-1980 there appeared to be a significant decline in pink salmon returns. Masset Inlet was thought to be the primary rearing area for juvenile pink salmon and there were concerns that the general decline might be the result of increases in mortality during the early sea-life period.

As a result of these concerns a four year study of the early sea-life of juvenile pink and chum salmon in Masset Inlet was initiated in 1982 by the Department of Fisheries and Oceans. Two-boat trawling and purse seining was conducted to determine near-shore concentrations of juvenile salmonids. Gillnetting, fish trapping, and angling were conducted to capture potential predators of juvenile salmon. Fry traps were used to capture juvenile pink and chum salmon for enclosure experiments. This report summarizes the results for all of these gear types. Data for additional samples obtained with other gear are published in separate reports (Hargreaves et al. 1987a, 1987b, 1987c).

SAMPLING PROCEDURES

TWO-BOAT TRAWL

One two-boat trawl was used in 1983, 1984, and 1985, and was towed between two vessels traveling at one meter per second. The trawl had an overall length of 20 m, with mouth opening 7.4 m wide by 3 m deep, and was constructed in three main sections. The lead portion of the trawl was 11.8 m long and made of 25.4 mm stretched mesh. The middle section was 4.0 m long and made of 12.7 mm stretched mesh. The bunt section was 3.3 m long and made of 1 mm nylon mesh, which tapered down to a 76 mm diameter threaded P.V.C. collar. A removable P.V.C. cod end cup with a 330 micron mesh window was attached to the threaded collar.

The mouth of the trawl was held open by two 76 mm (3 inch) diameter galvanized steel pipe poles. One pole was attached to the bottom and top corners of each side of the net. These poles had a 45 diameter "Scotsman" float at the top end and a 44 kg weight at the bottom end, so that the poles hung vertically during towing. Each pole had a simple "Y" bridle that connected it to the warp line from one of the vessels. The vessels turned slightly away from each other when towing the trawl, which held the mouth of the trawl open horizontally. A line attached between the bows of the vessels maintained a consistent distance between the vessels and prevented excessive strain on the net.

The trawl catch was dumped into a 30 l plastic container filled with sea-water. Each species of salmon was enumerated if the sample was not too large (less than about 100 fish per species). For larger catches a sample of 50 to 100 fish was counted and the number of fish remaining was estimated by visual comparison with this sample. If sufficient numbers of fish (>20 per species) were caught, samples were retained for further analyses by immediate preservation in 4% buffered formalin in sea-water. After obtaining samples all remaining fish were released. The preserved samples were usually accumulated aboard the boat and taken back to the laboratory at the end of the day for subsequent analyses. These samples were typically analyzed within 48 hours of collection.

GILLNETS

Multi-mesh gillnets were used in 1983, 1984, and 1985 to capture potential predators of juvenile salmon. These nets were used primarily in areas where other gear types could not be used due to the bottom topography. The multi-mesh gillnets nets were constructed of several panels of net of various mesh sizes, each typically 15 m (50 feet) long. Individual panels 15 m long by 1.8 m deep were tied together end-to-end to form gillnets up to 150 m (500 feet) long. Mesh sizes ranged from 19 mm (3/4 inch) to 76 mm (3 inch). One other panel that was frequently used was 45.7 m long, 100 meshes deep (approximately 6 m), with 57 mm (2-1/4 inch) mesh, and is referred to as "herring mesh". A large float and anchor were attached to each end of the gillnets to hold them in position during fishing operations.

Gillnets were typically set at 2000 hours, left to "soak" overnight, and retrieved at 0900 hours the following day. Fish were removed as the net was retrieved, placed in plastic buckets, and immediately taken to the laboratory for processing. Fish captured in the gillnets were not usually preserved and were processed within 30 to 60 minutes after removing them from the gillnets.

PURSE SEINE

A purse seine was used in 1983 and 1984 to obtain samples of juvenile salmon and to recapture marked or tagged fish, primarily in areas that were too shallow or enclosed to permit sampling with the two-boat trawl. The purse seine was 61 m (200 feet) long and 4.4 m (14.5 feet) deep, with two mesh sizes. The bunt end of the net was 15.2 m (50 foot) long and was constructed of 12.7 mm (0.5 inch) mesh. The remainder of the net was constructed of 25.4 mm (1 inch) mesh. Rigid foam floats were attached to the top edge of the net at one meter intervals and a 12.7 mm (0.5 inch) diameter lead line was attached to the bottom of the net. A purse line passed through the purse rings attached to the lead line.

Samples of fish were removed from the bunt of the purse net and preserved in 4% formalin solution. All remaining fish were released. The samples were accumulated aboard the vessel until the end of the day and then returned to the laboratory for processing.

ANGLING

Angling was used in 1983 to capture large salmonids and sculpins, for examination of stomach contents and tagging. This was a very effective method for capturing large predators and in most cases allowed them to be released unharmed after processing. In many areas angling proved to be more effective than beach seining, particularly for capturing cutthroat trout.

Angling for large salmonids was typically conducted at the mouths of rivers and creeks, using fly or spin casting gear. After capture, the contents of the stomach were flushed out (Hargreaves et al. 1987c) and the fish was measured, tagged, and released. Angling for sculpins was done primarily from the vessel "Velella", anchored at Marinelli Point. Sculpins were measured, tagged, and released, or were retained for use in predation experiments. Spaghetti tags were used on both salmonids and sculpins to estimate abundances and determine migration patterns.

FISH TRAPS

A fish trap was used only in 1983. It was thought that this trap might be useful for capturing juvenile salmon predators without injuring them. Trap catches were very low, however, and this method was soon discontinued. The trap was a 3.7 m (10 foot) long cylinder, 1.2 m (4 feet) in diameter, and was constructed of 6.4 mm (1/4 inch) mesh. Three aluminum hoops formed the frame of the trap and maintained its shape. A large float was attached to the top of each frame hoop and provided buoyancy for the trap. A cone of mesh, directed inward, was attached to one end of the cylinder. A second cone was attached inside the trap in the middle, dividing the trap into two sections. These cones were open at the apex to allow fish easy access into the trap but restricted their exit. As fish entered the trap they passed the first cone into the first section, then passed the second cone was held closed at the extreme end by a drawstring, which could be loosened to allow removal of fish. The traps were typically anchored at a site, left overnight, and all fish removed when the trap was retrieved the following morning.

FRY TRAPS

Two fry traps were used in 1984 and 1985 to capture juvenile salmon as they migrated downstream in the Ain River. These fry were used primarily for predation experiments. The traps were inclined plane traps with 61 cm (2 foot) by 91 cm (3 foot) mouth openings. The bottom edges of the traps were submerged approximately 50 cm and the traps orientated upstream, with the mouth facing into the current. Fish that entered the trap were carried up the perforated inclined plane and into the trap box by the stream of water entering the mouth of the traps.

Two traps were usually bolted together and one pontoon was attached on each outer side. A 0.95 cm (3/8 inch) wire cable and bridle was attached to the upstream end of the trap assembly. This cable was anchored in mid-channel, upstream of the trap. Ropes ran from the traps to shore and permitted the traps to be pulled ashore for examination of the traps and removal of fish. The traps were checked and cleaned daily and all fish were removed at each inspection. Fish that were required for experimentation were retained live in 30 l plastic containers and transported by truck or boat to the laboratory.

PROCESSING OF SAMPLES

Preserved samples of fish were sorted by species and counted. Juvenile salmon were also examined for wounds and scars. Up to 50 fish of each species were measured (fork length for salmonids and total length for all other species) to the nearest millimeter and weighed in grams to two decimal places accuracy, using a computerized measurement system.

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1983 TWO-BOAT TRAWL CATCHES

83-083 STATION P 1210 18/04/83 TWO-BOAT TRAWL

SOCKEYE	PINK	CHUM
8//8	58//29	4//4

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	70	3.56	2	F	66	3.11
3	F	75	3.96	4	F	77	4.60
5	F	70	3.44	6	F	70	3.49
7	F	70	3.33	8	F	74	3.93

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	37	0.39	2	F	36	0.31
3	F	37	0.39	4	F	38	0.49
5	F	37	0.40	6	F	39	0.50
7	F	40	0.61	8	F	38	0.52
9	F	40	0.57	10	F	41	0.64
11	F	42	0.50	12	F	43	0.62
13	F	41	0.60	14	F	42	0.52
15	F	42	0.61	16	F	40	0.54
17	F	41	0.63	18	F	40	0.53
19	F	40	0.47	20	F	43	0.64
21	F	40	0.65	22	F	43	0.66
23	F	43	0.73	24	F	42	0.71
25	F	45	0.80	26	F	45	0.79
27	F	48	0.97	28	F	51	1.13
29	F	55	1.44				

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	40	0.55	2	F	43	0.73
3	F	40	0.47	4	F	39	0.46

83-084 STATION I 1320 18/04/83 TWO-BOAT TRAWL

PINK	STICKLE	CRESCENT
1//0	3//3	1//1

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	40	0.48	2	F	46	0.92
3	F	65	2.55				

CRESCENT GUNNEL

NO.		LENGTH	WEIGHT
1	F	30	0.13

83-086 STATION E 1515 18/04/83 TWO-BOAT TRAWL

LARVAL FISH
15//0

83-088 STATION D 1625 18/04/83 TWO-BOAT TRAWL

LARVAL FISH
12//0

83-107 STATION W 0915 21/04/83 TWO-BOAT TRAWL

LARVAL FISH
11//0

83-108 STATION R 1030 21/04/83 TWO-BOAT TRAWL

PINK	STICKLE
1//0	1500//58

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	54	N/A	2	F	65	N/A
3	F	59	N/A	4	F	48	N/A
5	F	63	N/A	6	F	61	N/A
7	F	58	N/A	8	F	46	N/A

9	F	45	N/A	10	F	50	N/A
11	F	60	N/A	12	F	48	N/A
13	F	48	N/A	14	F	47	N/A
15	F	61	N/A	16	F	65	N/A
17	F	49	N/A	18	F	55	N/A
19	F	52	N/A	20	F	59	N/A
21	F	47	N/A	22	F	60	N/A
23	F	55	N/A	24	F	60	N/A
25	F	55	N/A	26	F	44	N/A
27	F	45	N/A	28	F	44	N/A
29	F	46	N/A	30	F	58	N/A
31	F	55	N/A	32	F	68	N/A
33	F	41	N/A	34	F	54	N/A
35	F	46	N/A	36	F	58	N/A
37	F	52	N/A	38	F	62	N/A
39	F	53	N/A	40	F	60	N/A
41	F	46	N/A	42	F	45	N/A
43	F	45	N/A	44	F	57	N/A
45	F	57	N/A	46	F	50	N/A
47	F	48	N/A	48	F	57	N/A
49	F	53	1.45	50	F	59	1.91
51	F	45	0.88	52	F	64	2.71
53	F	49	1.04	54	F	61	2.05
55	F	45	0.84	56	F	50	1.14
57	F	61	2.53	58	F	56	2.11

83-109 STATION P 1200 21/04/83 TWO-BOAT TRAWL

SOCKEYE	PINK	CHUM	STICKLE
310//55	900//213	90//10	60//3

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	70	3.15	2	F	67	2.45
3	F	65	2.36	4	F	70	3.02
5	F	73	3.52	6	F	71	3.13
7	F	73	2.97	8	F	75	3.74
9	F	63	2.17	10	F	68	2.65
11	F	74	3.53	12	F	72	3.30
13	F	65	2.23	14	F	80	4.36
15	F	73	3.30	16	F	67	2.41
17	F	65	2.80	18	F	69	2.77
19	F	75	3.65	20	F	72	3.71
21	F	71	2.85	22	F	68	2.66
23	F	69	2.92	24	F	71	3.19
25	F	74	3.67	26	F	106	9.38
27	F	108	10.41	28	F	71	3.20
29	F	67	2.97	30	F	68	2.96
31	F	70	3.12	32	F	81	5.27

33	F	75	3.79	34	F	68	2.95
35	F	82	5.18	36	F	71	2.98
37	F	70	3.17	38	F	68	3.13
39	F	68	2.89	40	F	73	3.76
41	F	69	3.17	42	F	75	3.89
43	F	73	3.53	44	F	70	3.05
45	F	80	4.73	46	F	74	3.61
47	F	70	3.07	48	F	77	3.70
49	F	67	2.79	50	F	71	3.35
51	F	70	2.95	52	F	72	3.30
53	F	67	2.72	54	F	78	4.72
55	F	77	4.24				

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	50	0.89	2	F	42	0.56
3	F	40	0.55	4	F	44	0.60
5	F	38	0.48	6	F	50	0.91
7	F	41	0.53	8	F	45	0.79
9	F	38	0.49	10	F	48	0.84
11	F	38	0.46	12	F	47	0.77
13	F	43	0.72	14	F	47	0.83
15	F	43	0.65	16	F	41	0.58
17	F	41	0.50	18	F	46	0.86
19	F	45	0.69	20	F	54	1.27
21	F	48	0.87	22	F	42	0.65
23	F	40	0.50	24	F	45	0.66
25	F	38	0.44	26	F	40	0.46
27	F	40	0.50	28	F	41	0.52
29	F	39	0.42	30	F	51	1.17
31	F	47	0.87	32	F	45	0.72
33	F	46	0.84	34	F	39	0.51
35	F	38	0.48	36	A	39	0.34
37	A	51	0.86	38	A	53	1.01
39	A	58	1.02	40	A	49	0.73
41	A	47	0.79	42	A	47	0.76
43	A	48	0.74	44	A	45	0.64
45	A	50	0.82	46	A	50	0.75
47	A	49	0.63	48	A	47	0.76
49	A	52	0.77	50	A	48	0.51
51	A	47	0.51	52	A	45	0.55
53	A	48	0.63	54	A	47	0.63
55	A	46	0.47	56	A	48	0.61
57	A	45	0.67	58	A	49	0.81
59	A	47	0.65	60	A	42	0.52
61	A	43	0.65	62	A	44	0.54
63	A	42	0.53	64	A	41	0.44
65	A	42	0.44	66	A	40	0.37
67	A	42	0.51	68	A	43	0.49
69	A	42	0.49	70	A	41	0.46
71	A	43	0.52	72	A	43	0.54
73	A	41	0.49	74	A	43	0.41
75	A	40	0.44	76	A	39	0.41

77	A	38	0.39	78	A	38	0.41
79	A	40	0.31	80	A	39	0.39
81	A	39	0.36	82	A	38	0.30
83	A	37	0.25	84	A	40	0.47
85	A	39	0.38				

128 additional pinks examined but not measured or weighed

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	40	0.56	2	F	48	0.85
3	F	40	0.47	4	F	38	0.46
5	F	39	0.52	6	F	42	0.58
7	F	43	0.75				

3 additional chum examined but not measured or weighed

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	40	0.61	2	A	51	1.10
3	F	45	0.80				

83-110 STATION N 1330 21/04/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
111//54	44//24	23//4

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	48	0.58	2	F	47	0.72
3	F	42	0.62	4	F	42	0.57
5	F	40	0.44	6	F	44	0.58
7	F	44	0.62	8	F	47	0.84
9	F	42	0.53	10	F	43	0.61
11	F	42	0.58	12	F	44	0.67
13	F	47	0.78	14	F	40	0.47
15	F	38	0.38	16	F	45	0.73
17	F	43	0.72	18	F	44	0.59
19	F	44	0.62	20	F	47	0.79
21	F	43	0.60	22	F	46	0.61
23	F	45	0.66	24	F	41	0.49
25	F	46	0.70	26	A	45	0.49
27	A	48	0.60	28	A	47	0.62
29	A	41	0.48	30	A	45	0.58
31	A	45	0.59	32	A	42	0.49
33	A	47	0.65	34	A	58	1.32
35	A	45	0.62	36	A	47	0.69
37	A	40	0.34	38	A	46	0.58

39	A	41	0.55	40	A	43	0.54
41	A	42	0.52	42	A	46	0.61
43	A	43	0.57	44	A	41	0.47
45	A	45	0.67	46	A	44	0.55
47	A	43	0.47	48	A	43	0.51
49	A	45	0.58	50	A	43	0.52
51	A	43	0.52	52	A	43	0.53
53	A	45	0.55	54	F	42	0.62

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	39	0.41	2	F	39	0.52
3	F	40	0.41	4	F	37	0.46
5	F	37	0.42	6	F	42	0.39
7	F	40	0.45	8	F	45	0.82
9	F	40	0.53	10	F	40	0.52
11	F	41	0.56	12	F	40	0.48
13	F	41	0.61	14	F	40	N/A
15	A	42	0.54	16	A	41	0.50
17	A	39	0.40	18	A	40	0.39
19	A	39	0.43	20	A	39	0.44
21	A	39	0.45	22	A	42	0.57
23	A	42	0.59	24	A	40	0.50

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	35	0.32	2	A	38	0.50
3	F	40	0.51	4	F	48	1.06

83-111 STATION M 1430 21/04/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE	HERRING
21//21	4//4	3//0	1//1

PINK SALMON

NO.		LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1	F	44	0.65	2		F	40	0.60
3	F	42	0.65	4	bm	F	46	0.80
5	F	44	0.64	6		F	44	0.64
7	F	48	0.84	8		F	44	0.62
9	F	41	0.52	10		F	42	0.57
11	F	40	0.41	12		F	47	0.79
13	F	44	0.69	14		F	40	0.53
15	F	45	0.69	16		F	44	0.68
17	F	44	0.64	18		F	43	0.62
19	F	43	0.60	20		F	43	0.65
21	F	42	0.50					

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	41	0.65	2	F	43	0.76
3	F	42	0.65	4	F	42	0.62

PACIFIC HERRING

NO.		LENGTH	WEIGHT
1	F	67	2.09

83-112A STATION J 1540 21/04/83 TWO-BOAT TRAWL

CHUM	STICKLE
2//0	2//0

83-113 STATION B 1215 22/04/83 TWO-BOAT TRAWL

SOCKEYE
1//0

83-114 STATION D 1250 22/04/83 TWO-BOAT TRAWL

LARVAL FISH
100//0

83-115 STATION G 1400 22/04/83 TWO-BOAT TRAWL

STICKLE	LARVAL FISH	SMELT
4//0	150//25	1//1

SURF SMELT

NO.		LENGTH	WEIGHT
1	F	145	N/A

83-116 STATION E 22/04/83 TWO-BOAT TRAWL

STICKLE	LARVAL FISH
2//0	100//0

83-194 STATION A 0908 04/05/83 TWO-BOAT TRAWL

SOCKEYE	COHO	STICKLE	HERRING
6//6	1//1	48//0	13//13

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	70	3.16	2	F	68	2.76
3	F	72	3.51	4	F	65	2.75
5	F	69	3.03	6	F	75	3.98

COHO SALMON

NO.		LENGTH	WEIGHT
1	F	115	15.84

PACIFIC HERRING

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	112	13.15	2	F	128	17.18
3	F	135	27.22	4	F	107	10.52
5	F	131	24.75	6	F	123	18.49
7	F	125	17.69	8	F	130	23.67
9	F	133	24.50	10	F	121	15.33
11	F	128	19.76	12	F	115	13.95
13	F	138	24.04				

83-195 STATION B 0947 04/05/83 TWO-BOAT TRAWL

STICKLE	SANDLANCE
1//0	39//39

PACIFIC SANDLANCE

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	97	3.30	2	F	117	3.65
3	F	122	5.39	4	F	102	3.43

```
          5       F  110       3.73       6       F  101       3.14
          7       F  114       5.63       8       F  108       3.31
          9       F   98       3.35      10       F   89       2.26
         11       F  119       4.86      12       F   99       3.80
         13       F  116       4.10      14       F   97       2.66
         15       F  108       4.94      16       F  122       5.07
         17       F  122       5.86      18       F  107       3.61
         19       F  116       4.94      20       F  107       3.60
         21       F  105       3.33      22       F  110       4.53
         23       F  117       4.22      24       F  108       4.31
         25       F  126       5.90      26       F  122       5.71
         27       F  107       3.17      28       F  110       3.66
         29       F   93       2.48      30       F  113       3.94
         31       F   99       3.55      32       F  117       5.07
         33       F  105       3.13      34       F   90       2.16
         35       F   81       1.72      36       F  113       4.62
         37       F  108       3.89      38       F  112       4.55
         39       F  107       3.67


83-196   STATION E       1036  04/05/83  TWO-BOAT TRAWL
----------------------------------------------------------------------
   PINK        STICKLE    SOFT        GRUNT       LARVAL FISH
   1//1        11//0      4//3        1//1        22//1
----------------------------------------------------------------------


                          PINK SALMON
          NO.        LENGTH   WEIGHT
           1      F   41        0.50


                          SOFT SCULPIN
          NO.        LENGTH   WEIGHT       NO.        LENGTH    WEIGHT
           1      F   41        2.43        2       F   41        2.01
           3      F   41       21.00


                          GRUNT SCULPIN
          NO.        LENGTH   WEIGHT
           1      F   18        0.13


                          LARVAL FISH
          NO.        LENGTH   WEIGHT
           1      F   22       N/A
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83-197 STATION E 1112 04/05/83 TWO-BOAT TRAWL

SOCKEYE	STICKLE	LARVAL FISH

83-198 STATION S 1144 04/05/83 TWO-BOAT TRAWL

STICKLE	LARVAL FISH
4//0	30//0

83-199 STATION I 1230 04/05/83 TWO-BOAT TRAWL

SOCKEYE	PINK	CHUM	STICKLE	HERRING
9//9	14//14	37//37	500//0	9//0

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	72	3.57	2	F	73	3.93
3	F	71	3.49	4	F	72	3.53
5	F	73	4.06	6	F	74	4.16
7	F	70	3.35	8	F	77	4.75
9	F	77	4.61				

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	48	0.91	2	F	43	0.70
3	F	48	0.89	4	F	42	0.68
5	F	38	0.47	6	F	47	0.95
7	F	53	1.18	8	F	43	0.74
9	F	39	0.54	10	F	44	0.70
11	F	47	0.91	12	F	43	0.59
13	F	53	1.23	14	F	39	0.46

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	37	0.40	2	F	39	0.54
3	F	40	0.59	4	F	38	0.48
5	F	43	0.73	6	F	40	0.58
7	F	41	0.61	8	F	39	0.51
9	F	45	0.83	10	F	39	0.50
11	F	43	0.74	12	F	41	0.65
13	F	38	0.44	14	F	39	0.53
15	F	41	0.62	16	F	41	0.55
17	F	42	0.63	18	F	44	0.79
19	F	37	0.39	20	F	39	0.50

21	F	38	0.46	22	F	38	0.53
23	F	35	0.28	24	F	42	0.72
25	F	39	0.53	26	F	39	0.52
27	F	40	0.55	28	F	40	0.59
29	F	41	0.63	30	F	38	0.48
31	F	42	0.61	32	F	40	0.60
33	F	39	0.48	34	F	38	0.55
35	F	39	0.48	36	F	39	0.54
37	F	40	0.55				

83-200 STATION P 1415 04/05/83 TWO-BOAT TRAWL

SOCKEYE	PINK	CHUM	STICKLE
2//2	50//50	130//0	4//0

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	56	1.54	2	F	71	3.08

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	51	0.88	2	A	50	0.80
3	A	46	0.59	4	A	54	0.97
5	A	48	0.66	6	A	48	0.62
7	A	48	0.62	8	A	42	0.45
9	A	42	0.49	10	A	49	0.72
11	A	45	0.60	12	A	42	0.47
13	A	43	0.54	14	A	48	0.71
15	A	48	0.64	16	A	47	0.66
17	A	54	1.00	18	A	48	0.70
19	A	45	0.59	20	A	48	0.66
21	A	48	0.68	22	A	47	0.58
23	A	50	0.79	24	A	49	0.69
25	A	56	1.13	26	A	54	1.01
27	A	48	0.68	28	A	40	0.37
29	A	48	0.64	30	A	48	0.74
31	A	52	0.76	32	A	52	0.84
33	A	49	0.85	34	A	38	0.36
35	A	42	0.44	36	A	46	0.43
37	A	42	0.44	38	A	50	0.72
39	A	52	0.81	40	A	48	0.64
41	A	55	0.92	42	A	49	0.73
43	A	49	0.68	44	A	52	0.82
45	A	49	0.72	46	A	43	0.55
47	A	47	0.63	48	A	45	0.58
49	A	45	0.54	50	A	43	0.54

83-201 STATION J 1515 04/05/83 TWO-BOAT TRAWL

SOCKEYE	STICKLE	HERRING
51//0	132//0	2//0

83-254 STATION P 1030 16/05/83 TWO-BOAT TRAWL

NO CATCH

83-255 STATION O 1115 16/05/83 TWO-BOAT TRAWL

STICKLE	LARVAL FISH
1//0	2//0

83-275 STATION P 1246 20/05/83 TWO-BOAT TRAWL

PINK	SOFT
1//0	3//0

83-314 STATION B 0850 24/05/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
50//47	9//9	407//0

PINK SALMON

NO.			LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	bm	F	63	2.29	2	F	68	2.70
3		F	60	1.63	4	F	59	1.69
5		F	63	2.01	6	F	61	1.71
7		F	60	1.68	8	F	60	1.76
9		F	60	1.80	10	F	56	1.31
11		F	65	2.54	12	F	65	2.26
13		F	63	2.05	14	F	57	1.55
15		F	61	1.80	16	F	57	1.61

17	F	58	1.64	18	F	63	1.90
19	F	61	1.67	20	F	61	1.76
21	F	61	1.87	22	F	60	1.82
23	F	57	1.48	24	F	58	1.69
25	F	58	1.46	26	F	58	1.58
27	F	65	2.47	28	F	61	1.82
29	F	61	1.85	30	F	56	1.25
31	F	56	1.53	32	F	60	1.83
33	F	56	1.25	34	F	57	1.49
35	F	57	1.55	36	F	56	1.44
37	F	57	1.60	38	F	55	1.32
39	F	60	1.73	40	F	60	1.86
41	F	57	1.41	42	F	71	3.12
43	F	55	1.38	44	F	61	2.03
45	F	56	1.41	46	F	56	1.39
47	F	60	1.94				

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	56	1.67	2	F	51	1.15
3	F	51	1.20	4	F	59	1.84
5	F	57	1.66	6	F	60	2.00
7	F	57	1.52	8	F	54	1.48
9	F	59	1.95				

83-315 STATION W 0940 24/05/83 TWO-BOAT TRAWL

PINK	CHUM	COHO	STICKLE	SOFT
36//36	1//0	1//0	31//0	2//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	66	2.70	2	F	58	1.56
3	F	56	1.51	4	F	62	2.11
5	F	61	1.78	6	F	60	1.65
7	F	62	1.98	8	F	57	1.53
9	F	62	1.95	10	F	62	2.06
11	F	55	1.38	12	F	58	1.63
13	F	58	1.63	14	F	60	1.66
15	F	55	1.38	16	F	59	1.71
17	F	59	1.79	18	F	58	1.57
19	F	58	1.77	20	F	64	1.46
21	F	64	2.18	22	F	56	1.32
23	F	63	2.25	24	F	54	1.32
25	F	58	1.77	26	F	57	1.67
27	F	61	1.74	28	F	58	1.52
29	F	61	2.09	30	F	61	1.89
31	F	61	2.00	32	F	62	1.76

33	bm	F	62	1.80	34	bm	F	62	1.96
35	bm	F	62	1.96	36	bm	F	62	2.06

83-316 STATION B 1030 24/05/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE	SOFT	MASKED
32//32	3//3	1//0	3//0	1//1

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		F	64	2.39	2		F	64	2.51
3		F	63	2.24	4		F	59	1.71
5		F	62	2.16	6		F	67	2.49
7		F	60	1.86	8		F	59	1.85
9	bm	F	63	2.20	10		F	60	1.80
11		F	59	1.81	12		F	63	2.33
13		F	59	1.71	14		F	64	2.52
15		F	60	1.74	16		F	66	2.45
17		F	61	1.87	18		F	58	1.60
19		F	63	2.26	20		F	62	2.01
21		F	56	1.40	22		F	62	2.15
23		F	51	1.17	24		F	61	1.85
25		F	61	1.71	26		F	67	2.70
27		F	58	1.75	28	bm	F	58	1.65
29		F	58	1.48	30	bm	F	60	1.66
31		F	59	1.75	32		F	57	1.64

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	58	1.78	2	F	49	0.97
3	F	60	1.88				

MASKED GREENLING

NO.		LENGTH	WEIGHT
1	F	56	1.41

83-317 STATION D 1130 24/05/83 TWO-BOAT TRAWL

NO CATCH

83-318 STATION E 1255 24/05/83 TWO-BOAT TRAWL

CHUM	COHO	SOFT
1//0	1//0	5//0

83-319 STATION F 1345 24/05/83 TWO-BOAT TRAWL

PINK	STICKLE	SOFT
1//0	2//0	123//0

83-320 STATION T 1430 24/05/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE	SOFT
50//50	2//2	92//0	4//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	58	1.61	2	F	58	1.74
3	F	65	2.60	4	F	60	1.86
5	F	61	2.00	6	F	66	2.45
7	F	61	1.90	8	F	60	1.82
9	F	63	2.25	10	F	63	2.24
11	F	64	2.29	12	F	58	1.58
13	F	65	2.57	14	F	56	1.66
15	F	60	1.89	16	F	61	1.99
17	F	57	1.71	18	F	63	2.20
19	F	55	1.40	20	F	60	1.92
21	F	56	1.42	22	F	56	1.55
23	F	59	1.72	24	F	53	1.26
25	F	56	1.46	26	F	63	2.34
27	F	65	2.37	28	F	65	2.48
29	F	59	1.70	30	F	58	1.79
31	F	58	1.78	32	F	55	1.36
33	F	55	1.49	34	F	63	2.12
35	F	57	1.62	36	F	56	1.46
37	F	62	2.11	38	F	56	1.47
39	F	58	1.70	40	F	59	1.78
41	F	57	1.51	42	F	57	1.63
43	F	61	1.89	44	F	59	1.69
45	F	62	2.08	46	F	59	1.69
47	F	62	2.08	48	F	60	1.83
49	F	59	1.63	50	F	59	1.88

CHUM SALMON

NO.	LENGTH	WEIGHT	NO.	LENGTH	WEIGHT
1	57	1.35	2	54	1.30

83-321 STATION B 1530 24/05/83 TWO-BOAT TRAWL

PINK	COHO	STICKLE
1//0	4//0	6//0

83-322 STATION A 2230 24/05/83 TWO-BOAT TRAWL

PINK	CHUM	COHO	STICKLE	HERRING
4//4	25//9	5//5	500//84	10//7

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	55	1.66	2	F	62	2.38
3	F	60	2.01	4	F	57	1.76

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	53	1.59	2	F	55	1.56
3	F	55	1.74	4	F	58	1.86
5	F	53	1.51	6	F	54	1.61
7	F	52	1.39	8	F	72	3.84
9	F	77	4.51				

COHO SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	93	9.26	2	F	97	11.03
3	F	100	12.18	4	F	130	92.00
5	F	134	27.50				

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	65	2.80	2	F	80	7.47
3	F	76	5.80	4	F	65	3.43
5	F	81	6.45	6	F	71	4.83
7	F	63	3.35	8	F	75	4.85
9	F	63	2.91	10	F	61	2.78
11	F	79	6.03	12	F	80	6.40
13	F	79	5.47	14	F	64	3.07

15	F	66	4.12	16	F	65	3.51
17	F	69	4.68	18	F	75	5.72
19	F	63	2.76	20	F	59	2.40
21	F	65	3.35	22	F	52	1.51
23	F	66	3.28	24	F	52	1.56
25	F	68	4.09	26	F	64	2.56
27	F	55	2.03	28	F	67	3.87
29	F	69	3.76	30	F	83	5.60
31	F	72	4.85	32	F	55	1.83
33	F	65	3.76	34	F	66	3.69
35	F	66	3.80	36	F	61	2.43
37	F	60	2.45	38	F	56	2.26
39	F	59	2.73	40	F	69	3.81
41	F	68	4.52	42	F	78	5.84
43	F	71	3.67	44	F	55	1.77
45	F	70	3.52	46	F	62	2.84
47	F	71	4.22	48	F	73	4.88
49	F	68	4.25	50	F	63	3.28
51	F	58	2.31	52	F	51	1.75
53	F	68	4.03	54	F	56	2.09
55	F	69	3.48	56	F	48	1.38
57	F	54	1.89	58	F	53	1.93
59	F	60	2.32	60	F	60	2.48
61	F	56	2.26	62	F	55	1.91
63	F	71	4.58	64	F	70	4.11
65	F	68	3.80	66	F	77	6.19
67	F	69	4.34	68	F	62	2.68
69	F	66	3.83	70	F	68	4.19
71	F	49	1.30	72	F	56	2.22
73	F	78	6.08	74	F	80	5.44
75	F	71	3.67	76	F	80	6.17
77	F	67	4.14	78	F	55	2.04
79	F	70	4.71	80	F	62	2.46
81	F	66	3.70	82	F	62	3.27
83	F	55	2.17	84	F	74	4.97

PACIFIC HERRING

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	128	27.10	2	F	130	29.00
3	F	130	27.70	4	F	132	27.20
5	F	120	24.80	6	F	125	26.50
7	F	129	30.50				

83-324 STATION V 1000 25/05/83 TWO-BOAT TRAWL

NO CATCH

83-325 STATION T 1030 25/05/83 TWO-BOAT TRAWL

PINK	CHUM	COHO	STICKLE
24//24	2//2	8//2	376//0

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		F	68	2.54	2		F	65	2.31
3		F	62	1.86	4		F	56	1.39
5		F	61	1.97	6		F	67	2.64
7		F	64	2.14	8		F	68	2.75
9		F	62	1.90	10		F	62	2.08
11		F	66	2.39	12		F	60	1.93
13		F	63	2.14	14		F	70	2.99
15		F	62	2.02	16		F	68	2.55
17		F	68	2.49	18		F	63	2.04
19		F	56	1.29	20		F	61	1.83
21	bm	F	73	3.25	22	bm	F	63	2.10
23	bm	F	61	1.87	24	bm	F	53	1.13

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	69	3.38	2	F	53	1.40

COHO SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	127	23.62	2	F	58	2.16

83-326 STATION P 1145 25/05/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
60//60	7//7	12//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	66	2.45	2	F	67	2.70
3	F	53	1.35	4	F	59	1.69
5	F	60	1.78	6	F	70	2.97
7	F	64	2.28	8	F	61	1.79
9	F	61	2.03	10	F	59	1.62
11	F	59	1.83	12	F	59	1.64
13	F	59	1.69	14	F	58	1.79
15	F	62	2.26	16	F	62	2.00
17	F	59	1.64	18	F	63	2.13

19		F	55	1.46	20		F	57	1.56
21		F	63	1.94	22		F	57	1.55
23		F	55	1.38	24		F	53	1.33
25		F	62	1.80	26		F	65	2.29
27		F	67	2.75	28		F	62	1.82
29		F	62	1.97	30		F	57	1.53
31		F	62	1.96	32		F	68	2.50
33		F	63	1.97	34		F	61	1.80
35		F	59	1.69	36		F	62	2.15
37		F	56	1.53	38		F	60	1.98
39		F	53	1.34	40		F	62	1.93
41		F	54	1.17	42		F	56	1.57
43		F	61	2.13	44		F	54	1.28
45		F	59	1.72	46		F	66	2.33
47		F	56	1.48	48		F	60	1.81
49		F	60	1.87	50		F	60	1.98
51		F	59	1.67	52		F	62	2.17
53		F	57	1.51	54		F	61	1.94
55		F	67	2.45	56	bm	F	59	1.63
57	bm	F	63	2.05	58	bm	F	54	1.22
59	bm	F	60	2.01	60	bm	F	67	2.33

CHUM SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		F	47	.95	2		F	55	1.45
3		F	57	1.36	4		F	57	1.35
5		F	57	1.76	6		F	53	1.27
7	bm	F	62	2.23					

83-327 STATION O 1225 25/05/83 TWO-BOAT TRAWL

PINK	CHUM	COHO	STICKLE
14//12	30//30	2//2	260//0

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		F	60	1.83	2		F	65	2.52
3		F	60	1.82	4	bm	F	61	1.89
5		F	65	2.58	6		F	62	2.15
7		F	57	1.48	8		F	59	1.84
9		F	57	1.56	10		F	58	1.80
11		F	62	2.16	12		F	61	2.10

CHUM SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		F	46	0.91	2		F	49	1.04
3		F	59	1.85	4		F	58	1.79

5	F	50	1.11	6	F	56	1.57
7	F	54	1.48	8	F	46	0.74
9	F	56	1.72	10	F	53	1.31
11	F	51	1.11	12	F	57	1.62
13	F	59	1.83	14	F	52	1.11
15	F	51	1.31	16	F	47	0.88
17	F	47	0.80	18	F	49	1.15
19	F	58	2.02	20	F	52	1.26
21	F	53	1.19	22	F	49	0.78
23	F	53	1.30	24	F	48	0.87
25	F	47	0.89	26	F	53	1.39
27	F	53	1.32	28	F	53	1.10
29	F	50	0.82	30	F	51	1.38

COHO SALMON

NO.		LENGTH	WEIGHT
1	F	111	12.85

```
83-328   STATION N       1317  25/05/83  TWO-BOAT TRAWL
---------------------------------------------------------------------
   CHUM         STICKLE
   2//0         5//0
---------------------------------------------------------------------


83-329   STATION M       1404  25/05/83  TWO-BOAT TRAWL
---------------------------------------------------------------------
   STICKLE
   109//0
---------------------------------------------------------------------


83-330   STATION L       1453  25/05/83  TWO-BOAT TRAWL
---------------------------------------------------------------------
   NO CATCH
---------------------------------------------------------------------


83-331   STATION J       1535  25/05/83  TWO-BOAT TRAWL
---------------------------------------------------------------------
   SOCKEYE      PINK         CHUM
   1//1         29//29       1//1
---------------------------------------------------------------------
```

SOCKEYE SALMON

NO.			LENGTH	WEIGHT
1		F	102	10.11

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		F	58	1.65	2		F	60	1.92
3		F	52	1.24	4		F	61	2.08
5		F	57	1.62	6		F	58	1.69
7	bm	F	68	2.41	8		F	62	2.08
9		F	62	2.04	10		F	59	1.75
11		F	57	1.76	12		F	62	2.13
13		F	62	1.90	14		F	63	2.00
15		F	64	2.22	16		F	59	1.67
17		F	65	2.33	18		F	62	2.12
19		F	64	2.52	20		F	67	2.20
21		F	59	1.93	22		F	64	2.38
23		F	63	2.12	24		F	62	2.23
25		F	63	2.46	26		F	60	1.88
27		F	61	1.87	28		F	63	2.18
29		F	61	2.01					

CHUM SALMON

NO.			LENGTH	WEIGHT
1		F	48	1.01

83-424 STATION B 0850 09/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
55//55	2//2	131//0

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		F	80	4.90	2		F	74	3.45
3		F	77	4.18	4		F	80	4.80
5		F	79	4.33	6		F	73	3.56
7		F	77	4.83	8		F	76	4.03
9		F	81	5.50	10		F	77	4.02
11		F	74	3.64	12		F	78	4.83
13		F	80	5.21	14		F	76	4.09
15		F	77	4.60	16		F	81	5.52
17		F	84	6.09	18		F	74	3.74
19		F	79	4.59	20	bm	F	75	3.56
21		F	81	5.23	22		F	82	5.40
23		F	83	5.67	24	bm	F	80	3.50
25	bm	F	75	3.93	26		F	75	4.00

27		F	83	4.93	28		F	80	4.65
29	bm	F	72	3.82	30		F	74	4.15
31	bm	F	73	3.46	32	bm	F	74	3.91
33		F	79	5.12	34	bm	F	76	4.07
35	bm	F	76	3.89	36	bm	F	76	4.23
37		F	76	4.52	38	bm	F	79	4.66
39		F	79	4.66	40	bm	F	78	4.11
41		F	71	3.50	42		F	75	4.09
43		F	74	3.85	44		F	81	5.18
45		F	81	4.99	46		F	81	5.43
47	bm	F	72	3.50	48	bm	F	81	4.96
49	bm	F	74	3.52	50		F	80	5.04
51	bm	F	77	4.55	52		F	75	3.88
53	bm	F	78	4.45	54		F	77	4.25
55		F	76	4.15					

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	81	5.25	2	F	71	3.42

83-425 STATION W 1005 09/06/83 TWO-BOAT TRAWL

COHO
3//3

COHO SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	116	18.41	2	F	61	2.45
3	F	68	3.31				

83-426 STATION T 1100 09/06/83 TWO-BOAT TRAWL

SOCKEYE	CHUM	COHO
17//17	1//1	12//12

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	108	13.16	2	F	110	16.33
3	F	118	19.21	4	F	114	17.01
5	F	116	18.17	6	F	123	21.46
7	F	114	15.65	8	F	116	18.38
9	F	113	15.69	10	F	121	20.39
11	F	103	11.69	12	F	119	18.52

13	F	119	20.55	14	F	115	17.96
15	F	115	17.04	16	F	113	15.41
17	F	115	14.59				

CHUM SALMON

NO.		LENGTH	WEIGHT
1	F	74	3.90

COHO SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	97	14.48	2	F	100	10.81
3	F	95	14.97	4	F	119	24.61
5	F	115	21.19	6	F	116	17.94
7	F	112	N/A	8	F	110	N/A
9	F	121	21.68	10	F	118	N/A
11	F	108	N/A	12	F	103	11.70

83-427 STATION Q 1155 09/06/83 TWO-BOAT TRAWL

PINK	CHUM
2500//1371	30//30

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	85	5.32	2	N	81	4.50
3	N	77	4.07	4	N	77	4.70
5	N	81	4.73	6	N	82	5.54
7	N	82	5.16	8	N	86	6.17
9	N	80	4.22	10	N	75	3.85
11	N	80	4.78	12	N	81	5.09
13	N	79	4.81	14	N	87	6.04
15	N	78	4.59	16	N	73	3.54
17	N	77	4.48	18	N	85	5.45
19	N	76	3.95	20	N	86	5.74
21	N	81	5.16	22	N	77	3.95
23	N	75	3.72	24	N	83	5.11
25	N	83	5.18	26	N	83	5.01
27	N	81	4.72	28	N	79	4.54
29	N	71	3.12	30	N	84	5.78
31	N	75	3.90	32	N	74	3.35
33	N	80	5.29	34	N	81	5.05
35	N	79	4.90	36	N	78	4.66
37	N	78	4.15	38	N	91	6.68
39	N	76	3.97	40	N	76	4.18
41	N	83	5.74	42	N	82	5.07
43	N	78	4.34	44	N	83	5.97
45	N	71	3.32	46	N	76	4.39

47		N	79	4.44	48		N	86	5.39
49		N	83	5.03	50		N	82	4.81
51		A	76	3.98	52		A	82	4.86
53		A	80	4.47	54		A	80	4.51
55		A	82	5.11	56		A	78	4.11
57		A	77	4.35	58		A	79	4.32
59		A	79	4.64	60		A	78	4.48
61		A	80	4.58	62		A	78	4.47
63		A	76	3.59	64		A	80	4.38
65		A	80	4.71	66		A	80	5.30
67		A	85	5.37	68		A	82	4.98
69		A	80	4.76	70		A	81	5.09
71		A	81	4.11	72		A	78	4.43
73		A	80	4.48	74		A	78	4.34
75		A	74	3.59	76		A	78	4.36
77		A	79	4.41	78		A	77	3.79
79		A	76	4.10	80		A	82	4.88
81		A	77	4.24	82		A	74	3.90
83		A	76	3.98	84		A	79	4.58
85		F	80	N/A	86		F	87	N/A
87	bm	F	78	N/A	88	bm	F	74	N/A
89	bm	F	78	N/A	90	bm	F	80	N/A
91	bm	F	82	N/A	92	bm	F	77	N/A
93	bm	F	80	N/A	94	bm	F	79	N/A
95	bm	F	78	N/A	96	bm	F	75	N/A
97	bm	F	85	N/A	98	bm	F	86	N/A
99	bm	F	79	N/A	100	bm	F	76	N/A
101	bm	F	79	N/A	102	bm	F	77	N/A
103	bm	F	75	N/A	104	bm	F	79	N/A
105	bm	F	77	N/A	106	bm	F	78	N/A
107	bm	F	78	N/A	108	bm	F	75	N/A
109	bm	F	83	N/A	110	bm	F	74	N/A
111	bm	F	74	N/A	112	bm	F	81	N/A
113	bm	F	80	N/A	114	bm	F	78	N/A
115	bm	F	75	N/A	116	bm	F	73	N/A
117	bm	F	78	N/A	118	bm	F	69	N/A
119	bm	F	82	N/A	120	bm	F	73	N/A
121	bm	F	75	N/A	122	bm	F	76	N/A
123	bm	F	83	N/A	124	bm	F	78	N/A
125	bm	F	73	N/A	126	bm	F	77	N/A
127	bm	F	78	N/A	128	bm	F	80	N/A
129	bm	F	79	N/A	130	bm	F	84	N/A
131	bm	F	85	N/A	132	bm	F	81	N/A
133	bm	F	79	N/A	134	bm	F	73	N/A
135	bm	F	79	N/A	136	bm	F	78	N/A
137	bm	F	82	N/A	138	bm	F	85	N/A
139	bm	F	70	N/A	140	bm	F	74	N/A
141	bm	F	82	N/A	142	bm	F	79	N/A
143	bm	F	81	N/A	144	bm	F	74	N/A
145	bm	F	72	N/A	146	bm	F	82	N/A
147	bm	F	74	N/A	148	bm	F	74	N/A
149	bm	F	80	N/A	150	bm	F	77	N/A
151	bm	F	81	N/A	152	bm	F	82	N/A
153	bm	F	75	N/A	154	bm	F	75	N/A

155	bm	F	74	N/A	156	bm	F	79	N/A
157	bm	F	76	N/A	158	bm	F	74	N/A
159	bm	F	71	N/A	160	bm	F	82	N/A
161	bm	F	78	N/A	162	bm	F	79	N/A
163	bm	F	77	N/A	164	bm	F	78	N/A
165	bm	F	78	N/A	166	bm	F	84	N/A
167	bm	F	73	N/A	168	bm	F	79	N/A
169	bm	F	76	N/A	170	bm	F	77	N/A
171	bm	F	78	N/A	172	bm	F	79	N/A
173	bm	F	75	N/A	174	bm	F	72	N/A
175	bm	F	83	N/A					

1196 additional pinks examined but not measured or weighed

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	79	4.95	2	N	80	5.07
3	N	77	4.51	4	N	67	3.06
5	N	70	4.04	6	N	71	3.81
7	N	75	4.33	8	N	75	4.18
9	N	75	4.45	10	N	67	3.20
11	N	69	3.61	12	N	75	4.64
13	N	78	4.88	14	N	73	4.09
15	N	90	7.31	16	N	74	3.74
17	N	72	3.91	18	N	72	3.71
19	N	58	2.29	20	N	65	3.04
21	N	74	4.00	22	N	87	6.75
23	N	70	3.50	24	N	79	4.41
25	N	75	4.64	26	N	76	4.73
27	N	65	2.69	28	N	73	4.01
29	N	73	4.11	30	N	108	12.40

83-428 STATION F 1310 09/06/83 TWO-BOAT TRAWL

PINK
317//33

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	82	4.93	2	A	80	4.66
3	A	91	7.01	4	A	81	4.88
5	A	84	5.56	6	A	86	6.11
7	A	76	3.86	8	A	82	5.05
9	A	83	5.04	10	A	78	4.24
11	A	81	4.88	12	A	78	4.33
13	A	75	3.72	14	A	77	4.25
15	A	79	4.77	16	A	82	4.79
17	A	85	5.53	18	A	81	5.03

19	A	82	4.91	20	A	86	5.95
21	A	87	6.26	22	A	79	4.67
23	A	84	5.35	24	A	79	4.68
25	A	73	3.27	26	A	78	4.68
27	A	78	4.67	28	A	79	4.48
29	A	76	3.87	30	A	83	5.04
31	A	82	4.63	32	A	79	4.80
33	A	79	4.53				

```
83-429   STATION E        1355  09/06/83  TWO-BOAT TRAWL
-----------------------------------------------------------------
   NO CATCH
-----------------------------------------------------------------
```

```
83-430   STATION D        1437  09/06/83  TWO-BOAT TRAWL
-----------------------------------------------------------------
   SOCKEYE    COHO
   29//29     6//6
-----------------------------------------------------------------
```

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	126	N/A	2	F	122	N/A
3	F	125	N/A	4	F	129	N/A
5	F	133	N/A	6	F	127	N/A
7	F	126	N/A	8	F	128	N/A
9	F	127	N/A	10	F	122	N/A
11	F	127	N/A	12	F	127	N/A
13	F	128	N/A	14	F	123	N/A
15	F	125	N/A	16	F	124	N/A
17	F	130	N/A	18	F	123	N/A
19	F	126	N/A	20	F	128	N/A
21	F	122	N/A	22	F	116	N/A
23	F	116	N/A	24	F	131	N/A
25	F	128	N/A	26	F	127	N/A
27	F	127	N/A	28	F	132	N/A
29	F	137	N/A				

COHO SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	122	16.98	2	A	110	11.84
3	A	123	17.07	4	A	118	16.00
5	A	113	11.83	6	A	120	18.53

83-431 STATION B 1520 09/06/83 TWO-BOAT TRAWL

DATA MISSING OR INCOMPLETE

83-433 STATION B 0910 10/06/83 TWO-BOAT TRAWL

STICKLE
3//0

83-434 STATION P 1035 10/06/83 TWO-BOAT TRAWL

DATA MISSING OR INCOMPLETE

83-435 STATION O 1110 10/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
525//107	1//1	11//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	81	N/A	2	A	76	N/A
3	A	71	N/A	4	A	77	N/A
5	A	79	N/A	6	A	81	N/A
7	A	77	N/A	8	A	74	N/A
9	A	85	N/A	10	A	80	N/A
11	A	87	N/A	12	A	85	N/A
13	A	80	N/A	14	A	78	N/A
15	A	83	N/A	16	A	80	N/A
17	A	80	N/A	18	A	82	N/A
19	A	82	N/A	20	A	85	N/A
21	A	78	N/A	22	A	78	N/A
23	A	78	N/A	24	A	77	N/A
25	A	80	N/A	26	A	77	N/A
27	A	77	N/A	28	A	81	N/A
29	A	75	N/A	30	A	79	N/A
31	A	78	N/A	32	A	78	N/A
33	A	78	N/A	34	A	82	N/A
35	A	77	N/A	36	A	77	N/A
37	A	83	N/A	38	A	79	N/A

39		A	88	N/A	40		A	77	N/A
41		A	82	N/A	42		A	78	N/A
43		A	74	N/A	44		A	81	N/A
45		A	75	N/A	46		A	78	N/A
47		A	75	N/A	48		A	78	N/A
49		A	78	N/A	50		F	73	4.01
51		F	78	4.84	52		F	73	3.91
53		F	79	4.83	54		F	74	4.01
55		F	78	4.84	56		F	81	5.19
57		F	83	5.60	58		F	78	4.82
59		F	83	5.52	60		F	76	4.32
61		F	73	3.83	62		F	78	4.79
63		F	77	4.75	64		F	82	5.03
65		F	80	4.75	66		F	79	4.72
67		F	75	4.06	68		F	75	3.92
69		F	73	4.01	70		F	76	4.46
71		F	71	3.56	72		F	74	4.09
73		F	76	4.28	74		F	81	5.15
75		F	80	4.82	76		F	76	4.29
77		F	76	4.31	78		F	78	4.83
79		F	79	4.86	80		F	73	3.83
81		F	74	3.94	82		F	77	4.82
83		F	73	3.57	84		F	74	4.10
85		F	75	4.47	86		F	82	5.53
87		F	71	3.51	88		F	79	5.21
89		F	75	4.08	90		F	80	5.33
91		F	79	4.61	92		F	78	4.95
93		F	72	3.90	94		F	76	4.56
95		F	81	5.51	96		F	76	4.55
97		F	69	3.46	98		F	76	4.73
99		F	75	4.08	100		F	77	4.65
101		F	72	3.47	102		F	73	3.69
103		F	68	3.26	104		F	74	4.01
105	bm	F	72	3.70	106	bm	F	79	4.69
107	bm	F	76	4.30					

CHUM SALMON

NO.		LENGTH	WEIGHT
1	F	80	5.56

83-436 STATION N 1200 10/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
3479//186	400//15	40//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	73	2.89	2	A	67	2.32

3		A	71	2.89	4		A	70	3.11
5		A	68	2.27	6		A	71	3.23
7		A	70	3.04	8		A	71	3.01
9		A	73	3.28	10		A	72	2.94
11		A	68	2.44	12		A	77	3.95
13		A	71	2.97	14		A	74	3.26
15		A	73	2.77	16		A	67	2.51
17		A	72	3.00	18		A	73	3.14
19	bm	A	73	3.41	20		A	66	2.31
21	bm	A	74	3.47	22		A	73	2.71
23		A	78	3.80	24	bm	A	69	2.65
25		A	69	2.84	26		A	64	1.93
27		A	70	3.17	28		A	73	3.18
29		A	73	3.48	30		A	71	2.86
31		A	69	2.95	32		A	69	2.79
33		A	73	3.40	34		F	66	2.91
35		A	70	N/A	36		A	73	N/A
37		A	72	N/A	38		A	73	N/A
39		A	81	N/A	40		A	73	N/A
41		A	75	N/A	42		A	73	N/A
43		A	66	N/A	44		A	72	N/A
45		A	71	N/A	46		A	70	N/A
47		A	70	N/A	48		A	71	N/A
49		A	79	N/A	50		A	59	N/A
51		A	62	N/A	52		A	71	N/A
53		A	71	N/A	54		A	77	N/A
55		A	70	N/A	56		A	72	N/A
57		A	72	N/A	58		A	72	N/A
59		A	70	N/A	60		A	65	N/A
61		A	68	N/A	62		A	75	N/A
63		A	74	N/A	64		A	66	N/A
65		A	73	N/A	66		A	71	N/A
67		A	68	N/A	68		A	70	N/A
69		A	68	N/A	70		A	72	N/A
71		A	73	N/A	72		A	69	N/A
73		A	70	N/A	74		A	72	N/A
75		A	68	N/A	76		A	68	N/A
77		A	72	N/A	78		A	73	N/A
79		A	71	N/A	80		A	72	N/A
81		A	71	N/A	82		F	71	3.19
83		F	72	3.60	84		F	75	3.74
85		F	67	2.87	86		F	70	3.23
87		F	72	3.10	88		F	73	3.95
89		F	72	3.54	90		F	73	3.56
91		F	70	3.01	92		F	71	3.24
93		F	71	3.70	94		F	67	3.03
95		F	70	3.35	96		F	72	3.02
97		F	76	4.26	98		F	72	3.36
99		F	70	3.14	100		F	70	3.33
101		F	75	3.73	102		F	72	3.21
103		F	68	2.82	104		F	68	3.22
105		F	68	2.95	106		F	67	2.80
107		F	75	3.93	108		F	74	3.49
109		F	73	3.33	110		F	72	3.23

111		F	69	3.34	112		F	69	3.08
113		F	69	3.16	114		F	68	2.82
115		F	67	3.27	116		F	69	3.26
117		F	73	3.72	118		F	71	3.61
119		F	72	3.26	120		F	59	1.81
121		F	69	2.99	122		F	67	2.77
123	bm	F	68	2.88	124	bm	F	67	3.17
125	bm	F	71	3.37	126	bm	F	71	3.52
127	bm	F	69	2.76	128	bm	F	60	2.49
129	bm	F	67	3.17	130		F	74	4.07
131		F	72	3.42	132		F	71	3.35
133		F	70	3.32	134		F	79	4.46
135		F	72	3.21	136		F	74	4.20
137		F	73	3.54	138		F	75	4.21
139		F	72	3.66	140		F	72	3.56
141		F	64	3.06	142		F	64	2.77
143		F	67	2.99	144		F	69	3.29
145		F	67	2.81	146		F	73	3.69
147		F	73	3.19	148		F	69	2.67
149		F	70	3.32	150		F	72	3.43
151		F	68	3.27	152		F	76	3.81
153		F	72	3.33	154		F	68	3.02
155		F	70	3.21	156		F	70	3.05
157		F	69	3.01	158		F	67	2.87
159		F	70	3.08	160		F	72	3.56
161		F	75	3.89	162		F	74	3.19
163		F	73	3.58	164		F	70	3.03
165		F	63	2.58	166		F	68	3.30
167		F	68	3.02	168		F	66	2.78
169		F	70	3.65	170		F	69	3.11
171		F	78	4.43	172		F	70	2.73
173		F	66	2.57	174		F	65	2.61
175		F	62	2.32	176		F	68	2.96
177		F	69	3.27	178		F	69	3.38
179		F	71	3.44	180		F	67	2.54
181		F	69	2.87	182		F	67	2.75
183		F	69	3.07	184		F	67	2.68
185		F	67	2.91	186		F	73	3.59

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	74	4.12	2	A	68	2.68
3	A	71	3.16	4	A	69	2.86
5	A	60	1.91	6	A	67	2.97
7	A	60	2.13	8	A	62	2.11
9	A	69	3.01	10	A	63	2.23
11	A	58	2.00	12	A	56	1.87
13	F	62	2.43	14	F	60	2.09
15	F	57	1.44				

83-437 STATION M 1300 10/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE	HERRING
1320//79	150//16	30//0	55//0

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		F	76	4.25	2		F	71	3.60
3		F	79	5.10	4		F	78	4.73
5		F	73	4.42	6		F	77	4.76
7		F	75	4.34	8		F	75	4.33
9		F	72	3.28	10		F	73	4.04
11		F	73	4.06	12		F	72	3.78
13		F	73	3.82	14		F	69	3.44
15		F	69	3.45	16		F	68	3.06
17		F	69	3.33	18		F	66	2.92
19		F	65	2.85	20		F	73	3.92
21		F	70	3.47	22		F	70	3.23
23		F	70	3.50	24		F	70	3.76
25		F	72	3.67	26		F	67	2.95
27		F	73	4.16	28		F	65	2.94
29		F	68	3.31	30		F	61	2.34
31		F	72	4.06	32		F	63	2.62
33	bm	F	75	4.07	34		F	70	3.54
35	bm	F	73	3.94	36		A	64	N/A
37		A	64	N/A	38		A	71	N/A
39		A	71	N/A	40		A	75	N/A
41		A	76	N/A	42		A	82	N/A
43		A	70	N/A	44		A	66	N/A
45		A	72	N/A	46		A	68	N/A
47		A	78	N/A	48		A	71	N/A
49		A	66	N/A	50		A	72	N/A
51		A	72	N/A	52		A	73	N/A
53		A	72	N/A	54		A	66	N/A
55		A	70	N/A	56		A	77	N/A
57		A	74	N/A	58		A	73	N/A
59		A	72	N/A	60		A	71	N/A
61		A	68	N/A	62		A	65	N/A
63		A	66	N/A	64		A	74	N/A
65		A	74	N/A	66		A	74	N/A
67		A	79	N/A	68		A	72	N/A
69		A	85	N/A	70		A	74	N/A
71		A	72	N/A	72	bm	A	77	N/A
73		A	68	N/A	74		A	71	N/A
75		A	73	N/A	76		A	73	N/A
77		A	71	N/A	78		A	62	N/A
79		A	72	N/A					

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	63	N/A	2	A	62	N/A
5	A	53	N/A	6	A	61	N/A
7	A	61	N/A	8	A	71	N/A
9	A	69	N/A	10	F	57	2.08
11	F	67	2.91	12	F	66	2.88
13	F	65	2.82	14	F	67	3.17
15	F	72	3.85	16	F	68	3.30

83-438 STATION I 1345 10/06/83 TWO-BOAT TRAWL

STICKLE	HERRING
3//0	40//0

83-439 STATION J 1425 10/06/83 TWO-BOAT TRAWL

SOCKEYE	PINK	COHO	STICKLE
3//3	480//100	3//0	32//0

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	105	11.50	2	F	103	11.34
3	A	108	N/A				

PINK SALMON

NO.		LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1	A	79	N/A	2		A	73	N/A
3	A	77	N/A	4		A	80	N/A
5	A	78	N/A	6		A	76	N/A
7	A	79	N/A	8		A	81	N/A
9	A	74	N/A	10		A	76	N/A
11	A	68	N/A	12		A	70	N/A
13	A	76	N/A	14		A	80	N/A
15	A	79	N/A	16		A	74	N/A
17	F	78	N/A	18	bm	A	83	N/A
19	A	75	N/A	20		A	69	N/A
21	A	70	N/A	22		A	73	N/A
23	A	73	N/A	24		A	74	N/A
25	A	70	N/A	26		A	69	N/A
27	A	71	N/A	28		A	76	N/A
29	A	75	N/A	30		A	78	N/A
31	A	75	N/A	32		A	81	N/A
33	A	78	N/A	34		A	75	N/A
35	A	77	N/A	36		A	73	N/A
37	A	78	N/A	38		A	80	N/A

39		A	74	N/A	40		A	73	N/A
41		A	82	N/A	42		A	71	N/A
43		A	72	N/A	44		A	86	N/A
45		A	74	N/A	46		A	70	N/A
47		A	76	N/A	48		A	73	N/A
49		A	72	N/A	50		A	80	N/A
51		F	81	5.04	52		F	80	5.28
53		F	82	5.02	54		F	83	5.71
55		F	81	4.72	56		F	78	4.35
57		F	73	3.75	58		F	81	5.08
59		F	78	4.42	60		F	83	5.39
61		F	79	4.11	62		F	75	3.85
63		F	85	5.75	64		F	80	4.38
65		F	73	3.75	66		F	72	3.77
67		F	78	4.66	68		F	79	4.10
69		F	82	5.34	70		F	83	5.11
71		F	82	4.96	72		F	79	5.00
73		F	83	5.68	74		F	77	N/A
75		F	75	3.71	76		F	75	3.82
77		F	78	4.69	78		F	70	3.73
79		F	79	4.36	80		F	74	3.69
81		F	75	4.13	82		F	74	3.80
83		F	70	3.77	84		F	79	4.74
85		F	79	4.59	86		F	77	4.38
87		F	73	3.44	88		F	75	4.06
89		F	76	3.80	90		F	75	4.01
91		F	72	3.46	92		F	70	3.52
93	bm	F	71	3.86	94	bm	F	77	4.54
95	bm	F	72	3.74	96	bm	F	70	3.57
97	bm	F	71	3.62	98	bm	F	72	3.54
99	bm	F	78	4.65	100	bm	F	76	3.95

83-440 STATION E 1600 10/06/83 TWO-BOAT TRAWL

SOCKEYE	PINK
17//17	200//2

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	117	18.17	2	F	123	20.65
3	F	117	17.97	4	F	117	18.50
5	F	116	16.87	6	F	115	16.40
7	F	117	18.89	8	F	112	16.60
9	F	104	11.34	10	F	122	20.79
11	F	120	20.94	12	F	124	20.14
13	F	114	15.96	14	F	116	18.08
15	F	127	23.05	16	F	125	21.63
17	F	123	22.72				

41		A	82	N/A	42		A	71	N/A
43		A	72	N/A	44		A	86	N/A
45		A	74	N/A	46		A	70	N/A
47		A	76	N/A	48		A	73	N/A
49		A	72	N/A	50		A	80	N/A
51		F	81	5.04	52		F	80	5.28
53		F	82	5.02	54		F	83	5.71
55		F	81	4.72	56		F	78	4.35
57		F	73	3.75	58		F	81	5.08
59		F	78	4.42	60		F	83	5.39
61		F	79	4.11	62		F	75	3.85
63		F	85	5.75	64		F	80	4.38
65		F	73	3.75	66		F	72	3.77
67		F	78	4.66	68		F	79	4.10
69		F	82	5.34	70		F	83	5.11
71		F	82	4.96	72		F	79	5.00
73		F	83	5.68	74		F	77	N/A
75		F	75	3.71	76		F	75	3.82
77		F	78	4.69	78		F	70	3.73
79		F	79	4.36	80		F	74	3.69
81		F	75	4.13	82		F	74	3.80
83		F	70	3.77	84		F	79	4.74
85		F	79	4.59	86		F	77	4.38
87		F	73	3.44	88		F	75	4.06
89		F	76	3.80	90		F	75	4.01
91		F	72	3.46	92		F	70	3.52
93	bm	F	71	3.86	94	bm	F	77	4.54
95	bm	F	72	3.74	96	bm	F	70	3.57
97	bm	F	71	3.62	98	bm	F	72	3.54
99	bm	F	78	4.65	100	bm	F	76	3.95

83-440 STATION E 1600 10/06/83 TWO-BOAT TRAWL

SOCKEYE	PINK
17//17	200//2

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	117	18.17	2	F	123	20.65
3	F	117	17.97	4	F	117	18.50
5	F	116	16.87	6	F	115	16.40
7	F	117	18.89	8	F	112	16.60
9	F	104	11.34	10	F	122	20.79
11	F	120	20.94	12	F	124	20.14
13	F	114	15.96	14	F	116	18.08
15	F	127	23.05	16	F	125	21.63
17	F	123	22.72				

83-475 STATION T 1130 15/06/83 TWO-BOAT TRAWL

SOCKEYE	PINK	CHUM
17//17	1//1	1//1

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	110	15.08	2	F	114	16.56
3	F	114	17.19	4	F	115	17.28
5	F	119	18.94	6	F	119	17.02
7	F	121	18.69	8	F	117	16.62
9	F	118	17.20	10	F	105	12.50
11	F	124	21.39	12	F	126	21.58
13	F	124	19.77	14	F	115	16.10
15	F	120	17.92	16	F	114	17.89
17	F	115	17.17				

PINK SALMON

NO.		LENGTH	WEIGHT
1	F	88	6.16

CHUM SALMON

NO.		LENGTH	WEIGHT
1	F	59	2.00

83-476 STATION P 1323 15/06/83 TWO-BOAT TRAWL

SOCKEYE	PINK	COHO	STICKLE	SANDLANCE
27//7	2//0	1//0	100//0	120//0

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	117	16.29	2	F	106	11.83
3	F	103	10.82	4	F	107	12.27
5	F	112	15.29	6	F	117	17.52
7	F	112	14.23				

83-477 STATION I 1405 15/06/83 TWO-BOAT TRAWL

STICKLE
2//0

83-478 STATION F 1437 15/06/83 TWO-BOAT TRAWL

SOCKEYE	PINK	CHUM	STICKLE
2//2	614//94	2//1	2//0

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	118	15.21	2	F	129	19.79

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	86	N/A	2	A	88	N/A
3	A	92	N/A	4	A	86	N/A
5	A	88	N/A	6	A	88	N/A
7	A	84	N/A	8	A	88	N/A
9	A	92	N/A	10	A	93	N/A
11	A	81	N/A	12	A	88	N/A
13	A	80	N/A	14	A	79	N/A
15	A	88	N/A	16	A	84	N/A
17	A	88	N/A	18	A	81	N/A
19	A	83	N/A	20	A	90	N/A
21	A	80	N/A	22	A	88	N/A
23	A	87	N/A	24	A	88	N/A
25	A	83	N/A	26	A	84	N/A
27	A	88	N/A	28	A	94	N/A
29	A	97	N/A	30	A	86	N/A
31	A	78	N/A	32	A	85	N/A
33	A	88	N/A	34	A	92	N/A
35	A	92	N/A	36	A	84	N/A
37	A	92	N/A	38	A	98	N/A
39	A	90	N/A	40	A	92	N/A
41	A	86	N/A	42	A	87	N/A
43	A	85	N/A	44	A	85	N/A
45	A	105	N/A	46	F	96	7.85
47	F	99	9.62	48	F	89	6.77
49	F	92	6.76	50	F	88	6.34
51	F	92	7.05	52	F	88	6.75
53	F	91	7.15	54	F	86	5.88
55	F	87	6.21	56	F	85	5.44
57	F	85	6.38	58	F	88	6.37
59	F	85	5.67	60	F	82	5.61
61	F	84	5.77	62	F	76	3.97
63	F	84	5.58	64	F	88	6.87
65	F	88	6.29	66	F	85	5.31
67	F	85	5.42	68	F	86	6.56
69	F	81	5.16	70	F	83	5.72
71	F	87	6.50	72	F	83	5.53

83-478 STATION F 1437 15/06/83 TWO-BOAT TRAWL

SOCKEYE	PINK	CHUM	STICKLE
2//2	614//94	2//1	2//0

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	118	15.21	2	F	129	19.79

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	86	N/A	2	A	88	N/A
3	A	92	N/A	4	A	86	N/A
5	A	88	N/A	6	A	88	N/A
7	A	84	N/A	8	A	88	N/A
9	A	92	N/A	10	A	93	N/A
11	A	81	N/A	12	A	88	N/A
13	A	80	N/A	14	A	79	N/A
15	A	88	N/A	16	A	84	N/A
17	A	88	N/A	18	A	81	N/A
19	A	83	N/A	20	A	90	N/A
21	A	80	N/A	22	A	88	N/A
23	A	87	N/A	24	A	88	N/A
25	A	83	N/A	26	A	84	N/A
27	A	88	N/A	28	A	94	N/A
29	A	97	N/A	30	A	86	N/A
31	A	78	N/A	32	A	85	N/A
33	A	88	N/A	34	A	92	N/A
35	A	92	N/A	36	A	84	N/A
37	A	92	N/A	38	A	98	N/A
39	A	90	N/A	40	A	92	N/A
41	A	86	N/A	42	A	87	N/A
43	A	85	N/A	44	A	85	N/A
45	A	105	N/A	46	F	96	7.85
47	F	99	9.62	48	F	89	6.77
49	F	92	6.76	50	F	88	6.34
51	F	92	7.05	52	F	88	6.75
53	F	91	7.15	54	F	86	5.88
55	F	87	6.21	56	F	85	5.44
57	F	85	6.38	58	F	88	6.37
59	F	85	5.67	60	F	82	5.61
61	F	84	5.77	62	F	76	3.97
63	F	84	5.58	64	F	88	6.87
65	F	88	6.29	66	F	85	5.31
67	F	85	5.42	68	F	86	6.56
69	F	81	5.16	70	F	83	5.72
71	F	87	6.50	72	F	83	5.53

51	bm	F	84	5.68

CHUM SALMON

NO.		LENGTH	WEIGHT
1	F	87	6.47

83-480 STATION H 0958 16/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
33//30	6//6	2//0

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		F	87	6.59	2		F	85	5.82
3		F	84	6.06	4		F	82	4.68
5		F	82	5.43	6		F	76	4.33
7		F	89	7.33	8		F	89	7.01
9		F	80	4.70	10		F	82	5.57
11		F	81	5.21	12		F	85	5.96
13		F	83	5.03	14		F	82	4.74
15		F	82	5.65	16		F	82	5.41
17		F	80	5.02	18		F	80	4.86
19		F	80	5.04	20		F	79	4.70
21		F	84	5.61	22		F	84	5.41
23		F	81	5.05	24		F	83	5.06
25		F	83	5.03	26		F	81	4.60
27		F	87	6.09	28	bm	F	80	4.67
29	bm	F	83	5.66	30	bm	F	84	5.91

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	89	8.70	2	F	80	4.90
3	F	89	7.10	4	F	79	4.74
5	F	79	5.32	6	F	81	6.03

83-481 STATION M 1105 16/06/83 TWO-BOAT TRAWL

STICKLE
37//0

83-482 STATION N 1153 16/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
296//74	27//27	233//0

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		F	79	4.10	2		F	72	3.20
3		F	75	3.85	4		F	75	3.91
5		F	74	3.94	6		F	75	4.00
7		F	74	4.02	8		F	76	4.10
9		F	69	3.44	10		F	77	4.13
11		F	71	3.14	12		F	70	3.40
13		F	75	3.88	14		F	73	3.56
15		F	64	2.44	16	bm	F	78	4.17
17		F	73	3.86	18		F	72	3.10
19		F	66	2.76	20		F	74	3.28
21		F	74	3.50	22		F	63	2.24
23		F	71	3.43	24		F	68	2.93
25		F	68	2.86	26		F	70	3.10
27		F	71	3.63	28		F	68	2.74
29	bm	F	69	2.94	30		F	69	3.11
31		F	68	2.54	32		A	70	N/A
33		F	70	N/A	34		F	71	N/A
35		F	72	N/A	36		F	72	N/A
37		F	68	N/A	38		F	65	N/A
39		F	62	N/A	40		F	67	N/A
41		A	69	N/A	42		A	70	N/A
43		A	69	N/A	44		A	73	N/A
45		A	71	N/A	46		A	65	N/A
47		A	61	N/A	48		A	70	N/A
49		A	69	N/A	50		A	64	N/A
51		A	69	N/A	52		A	71	N/A
53		A	69	N/A	54		A	69	N/A
55		A	69	N/A	56		A	69	N/A
57		A	68	N/A	58		A	63	N/A
59		A	65	N/A	60		A	72	N/A
61		A	72	N/A	62		A	70	N/A
63		A	75	N/A	64		A	70	N/A
65		A	70	N/A	66		A	79	N/A
67		A	72	N/A	68		A	71	N/A
69		A	67	N/A	71		A	62	N/A
71	bm	A	72	N/A	72	bm	A	72	N/A
73	bm	A	71	N/A	74	bm	A	68	N/A

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	66	N/A	2	A	64	N/A
3	A	65	N/A	4	A	65	N/A
5	A	68	N/A	6	A	68	N/A
7	A	67	N/A	8	A	64	N/A

9	F	64	2.68	10	F	64	2.41
11	F	66	2.81	12	F	64	2.36
13	F	67	2.94	14	F	67	3.08
15	F	67	3.00	16	F	67	2.86
17	F	63	2.49	18	F	64	2.85
29	F	69	3.26	20	F	65	2.60
21	F	63	2.63	22	F	63	2.38
23	F	67	3.26	24	F	70	3.08
25	F	66	2.70	26	F	65	2.99
27	F	54	1.48				

83-483 STATION O 1247 16/06/83 TWO-BOAT TRAWL

COHO	STICKLE
1//0	13//0

83-516 STATION A 0755 22/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
79//63	13//13	150//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	90	N/A	2	A	91	N/A
3	A	87	N/A	4	A	85	N/A
5	A	82	N/A	6	A	79	N/A
7	A	76	N/A	8	A	84	N/A
9	A	89	N/A	10	A	88	N/A
11	A	83	N/A	12	A	83	N/A
13	A	95	N/A	14	A	92	N/A
15	A	84	N/A	16	A	89	N/A
17	A	80	N/A	18	A	85	N/A
19	A	84	N/A	20	A	89	N/A
21	A	92	N/A	22	A	83	N/A
23	A	85	N/A	24	A	95	N/A
25	A	85	N/A	26	A	91	N/A
27	A	85	N/A	28	A	88	N/A
29	F	89	6.19	30	F	100	8.96
31	F	87	5.28	32	F	91	6.50
33	F	86	5.14	34	F	95	7.40
35	F	90	5.99	36	F	89	5.79
37	F	90	6.26	38	F	88	6.33
39	F	88	6.20	40	F	88	6.46
41	F	85	5.31	42	F	86	5.97
43	F	92	6.81	44	F	89	6.04

45	F	84	5.32	46	F	87	5.68
47	F	82	4.73	48	F	86	5.76
49	F	86	6.01	50	F	82	4.57
51	F	83	5.20	52	F	85	5.48
53	F	87	5.75	54	F	86	5.55
55	F	81	4.41	56	F	80	4.65
57	F	88	5.89	58	F	88	6.42
59	F	82	4.68	60	F	77	4.00
61	F	87	5.82	62	F	87	6.04
63	F	88	5.86				

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	76	N/A	2	A	78	N/A
3	F	84	5.82	4	F	83	5.31
5	F	79	4.47	6	F	92	7.61
7	F	70	3.06	8	F	80	4.46
9	F	79	4.26	10	F	76	4.15
11	F	75	3.77	12	F	81	5.14
13	F	70	3.32				

83-517 STATION W 0835 22/06/83 TWO-BOAT TRAWL

PINK	CHUM	COHO	STICKLE	HERRING
1050//71	150//8	1//0	85//3	1//0

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		A	88	N/A	2		A	89	N/A
3		A	82	N/A	4		A	84	N/A
5		A	86	N/A	6		A	85	N/A
7		A	90	N/A	8		A	88	N/A
9		A	81	N/A	10		A	94	N/A
11		A	93	N/A	12		A	78	N/A
13		A	86	N/A	14		A	92	N/A
15		A	88	N/A	16		A	82	N/A
17		A	80	N/A	18		A	85	N/A
19		A	84	N/A	20		A	81	N/A
21		A	83	N/A	22		A	83	N/A
23		A	83	N/A	24		A	87	N/A
25		A	82	N/A	26		A	89	N/A
27		A	87	N/A	28		A	85	N/A
29		A	82	N/A	30		A	82	N/A
31		A	82	N/A	32		A	88	N/A
33		A	86	N/A	34		A	81	N/A
35		A	84	N/A	36		F	104	10.60
37		F	84	5.41	38		F	82	4.56
39		F	95	8.02	40		F	88	6.33
41		F	87	5.83	42		F	84	5.02
43		F	85	5.58	44		F	88	6.11
45		F	91	7.31	46		F	83	5.02
47		F	78	4.01	48		F	81	4.58
49		F	89	6.22	50		F	92	7.47
51		F	89	6.23	52		F	88	5.77
53		F	78	4.34	54		F	91	6.66
55		F	86	5.31	56		F	78	4.70
57		F	90	6.07	58		F	74	3.52
59		F	90	6.59	60		F	85	5.58
61		F	85	5.65	62		F	82	5.13
63		F	79	4.12	64		F	81	5.04
65		F	86	5.75	66		F	86	5.76
67		F	86	5.80	68		F	83	5.02
69	bm	F	85	5.94	70	bm	F	79	4.26
71		F	79	4.29					

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	84	N/A	2	F	73	N/A
3	F	81	N/A	4	F	73	N/A
5	F	93	7.86	6	F	78	4.51
7	F	76	4.06	8	F	84	6.21

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	64	3.56	2	F	77	4.78
3	F	67	3.15				

83-518 STATION C 0930 22/06/83 TWO-BOAT TRAWL

PINK
62//50

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		F	82	6.41	2		F	102	9.41
3		F	92	7.38	4		F	91	6.74
5		F	89	7.22	6		F	90	7.25
7		F	92	7.14	8		F	93	7.46
9		F	93	8.09	10		F	93	7.62
11		F	93	7.57	12		F	85	6.59
13		F	88	6.34	14		F	83	4.99
15		F	89	7.80	16		F	95	7.62
17		F	91	7.03	18		F	91	6.81
19		F	89	7.00	20		F	89	6.68
21		F	91	7.63	22		F	86	5.88
23		F	87	6.73	24		F	92	6.86
25		F	91	7.23	26		F	92	7.13
27		F	86	6.09	28		F	89	7.25
29		F	95	7.79	30		F	88	6.43
31		F	85	5.21	32		F	85	5.73
33		F	87	6.02	34		F	87	7.05
35		F	90	7.18	36		F	94	7.50
37		F	89	6.90	38		F	92	7.95
39		F	87	7.34	40		F	87	6.49
41		F	86	6.55	42		F	85	6.21
43		F	89	7.37	44		F	88	5.96
45		F	91	7.10	46	bm	F	92	7.67
47	bm	F	88	6.02	48	bm	F	100	9.95
49	bm	F	96	7.35	50	bm	F	93	7.51

83-519 STATION D 1008 22/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE	HERRING
100//49	1//1	1//0	1//0

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		F	92	7.68	2		F	95	8.16
3		F	91	6.96	4		F	86	6.18
5		F	91	7.40	6		F	86	6.55
7		F	88	7.11	8		F	90	6.46
9		F	86	5.83	10		F	91	7.03
11		F	91	6.72	12		F	88	6.30
13		F	86	5.73	14		F	88	6.73
15		F	88	6.72	16		F	93	7.64
17		F	87	6.18	18		F	87	7.24
19		F	86	6.30	20		F	86	6.48
21		F	84	5.90	22		F	84	5.17
23		F	84	5.57	24		F	86	5.97
25		F	84	5.58	26		F	100	8.38
27		F	85	5.98	28		F	87	6.21
29		F	93	8.02	30		F	89	6.63
31		F	85	6.82	32		F	95	7.69
33		F	96	7.94	34		F	87	6.20
35		F	81	4.61	36		F	90	7.83
37		F	85	5.99	38		F	96	8.75
39		F	83	5.63	40		F	89	6.75
41		F	91	7.30	42		F	85	5.39
43		F	92	6.80	44		F	93	7.37
45		F	91	7.21	46		F	86	5.93
47		F	86	6.13	48	bm	F	94	8.33
49	bm	F	95	7.57					

CHUM SALMON

NO.		LENGTH	WEIGHT
1	F	52	1.49

83-520 STATION E 1040 22/06/83 TWO-BOAT TRAWL

PINK	COHO	STICKLE	HERRING
18//0	1//1	6//0	1//1

COHO SALMON

NO.		LENGTH	WEIGHT
1	F	115	16.54

PACIFIC HERRING

NO.		LENGTH	WEIGHT
1	F	167	59.20

83-521 STATION S 1122 22/06/83 TWO-BOAT TRAWL

PINK	CHUM	COHO	STICKLE	HERRING
401//45	8//8	1//1	4//0	1//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	90	6.41	2	F	79	4.47
3	F	88	6.29	4	F	104	10.94
5	F	76	4.58	6	F	76	4.87
7	F	85	5.75	8	F	91	7.30
9	F	80	4.85	10	F	81	5.08
11	F	86	6.33	12	F	85	5.69
13	F	85	5.53	14	F	79	4.79
15	F	75	3.93	16	F	88	6.90
17	F	87	6.04	18	F	86	6.02
19	F	89	8.05	20	F	83	5.49
21	F	85	6.05	22	F	78	4.29
23	F	91	6.40	24	F	86	5.56
25	F	85	5.70	26	F	83	5.35
27	F	82	5.68	28	F	82	5.23
29	F	82	5.14	30	F	79	4.64
31	F	81	5.37	32	F	81	5.78
33	F	82	5.27	34	F	82	5.14
35	F	86	6.11	36	F	86	5.61
37	F	92	7.21	38	F	93	7.60
39	F	84	5.35	40	F	83	4.89
41	F	87	6.38	42	F	79	4.21
43	F	80	4.60	44	F	85	5.94
45	F	80	4.50				

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	81	5.99	2	F	81	5.33
3	F	78	4.63	4	F	81	5.60
5	F	81	5.66	6	F	76	4.70
7	F	76	4.43	8	F	86	7.00

COHO SALMON

NO.		LENGTH	WEIGHT
1	F	117	N/A

83-522 STATION P 1247 22/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
506//32	212//43	66//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	81	4.55	2	F	69	3.17
3	F	70	3.44	4	F	77	4.73
5	F	84	5.50	6	F	77	4.25
7	F	77	4.80	8	F	91	7.53
9	F	82	4.49	10	F	78	4.17
11	F	73	3.78	12	F	68	2.94
13	F	75	3.88	14	A	72	N/A
15	A	84	N/A	16	A	76	N/A
17	A	85	N/A	18	A	83	N/A
19	A	76	N/A	20	A	81	N/A
21	A	81	N/A	22	A	79	N/A
23	A	69	N/A	24	A	80	N/A
25	A	78	N/A	26	A	77	N/A
27	A	79	N/A	28	A	76	N/A
29	A	96	N/A	30	A	71	N/A
31	A	78	N/A	32	A	73	N/A

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	71	3.26	2	F	68	3.19
3	F	70	3.20	4	F	72	3.60
5	F	63	1.98	6	F	66	3.12
7	F	69	3.20	8	F	71	3.45
9	F	71	3.34	10	F	68	2.85
11	F	67	2.91	12	F	68	2.92
13	F	68	2.93	14	F	65	2.41
15	F	69	3.31	16	F	65	2.42
17	F	64	2.55	18	F	70	3.49
19	F	56	1.97	20	F	64	2.46
21	F	71	3.47	22	F	68	3.11
23	F	61	2.30	24	F	71	3.42
25	F	73	3.99	26	F	65	2.72
27	F	84	5.80	28	F	80	4.60
29	F	68	3.26	30	F	70	3.32
31	F	64	2.50	32	F	72	3.27
33	F	77	4.96	34	F	77	4.26
35	F	70	3.56	36	A	64	N/A
37	A	73	N/A	38	A	74	N/A
39	A	70	N/A	40	A	80	N/A
41	A	64	N/A	42	A	75	N/A
43	A	77	N/A				

83-523 STATION J 1330 22/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE	HERRING
333//47	102//55	426//0	5//5

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	72	3.96	2	F	72	3.85
3	F	77	4.44	4	F	73	3.71
5	F	79	4.90	6	F	79	5.04
7	F	80	4.80	8	F	80	5.19
9	F	77	3.87	10	F	72	3.74
11	F	73	4.02	12	F	72	3.76
13	F	71	3.35	14	F	71	3.45
15	F	79	4.95	16	F	76	3.86
17	F	73	3.92	18	A	76	N/A
19	A	72	3.73	20	A	74	4.09
21	A	74	3.32	22	A	76	3.56
23	A	92	6.03	24	A	77	3.51
25	A	78	4.01	26	A	77	3.86
27	A	75	3.90	28	A	78	3.86
29	A	82	3.93	30	A	77	4.32
31	A	76	N/A	32	A	73	N/A
33	A	72	N/A	34	A	71	N/A
35	A	76	N/A	36	A	77	N/A
37	A	81	N/A	38	A	76	N/A
39	A	75	N/A	40	A	75	N/A
41	A	75	N/A	42	A	74	N/A
43	A	76	N/A	44	A	75	N/A
45	A	75	N/A	46	A	74	N/A
47	A	72	N/A				

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	77	N/A	2	A	75	N/A
3	A	79	N/A	4	A	74	N/A
5	A	69	N/A	6	A	77	N/A
7	A	69	N/A	8	A	72	N/A
9	A	70	N/A	10	A	72	N/A
11	A	72	N/A	12	A	74	N/A
13	A	68	N/A	14	A	78	N/A
15	A	69	N/A	16	A	69	N/A
17	A	67	N/A	18	A	70	N/A
19	A	73	N/A	20	A	70	N/A
21	F	76	4.77	22	F	79	5.88
23	F	73	3.71	24	F	68	3.23
25	F	72	3.72	26	F	65	2.63
27	F	71	3.54	28	F	71	3.73
29	F	73	4.49	30	F	73	3.79
31	F	69	3.67	32	F	67	2.74
33	F	80	5.14	34	F	65	2.78
35	F	68	3.48	36	F	71	3.65
37	F	67	3.21	38	F	68	3.33
39	F	67	3.39	40	F	71	3.60
41	F	69	3.34	42	F	67	3.15
43	F	67	3.58	44	F	77	5.15

45	F	69	3.29	46	F	81	5.78
47	F	69	3.65	48	F	69	3.28
49	F	68	3.29	50	F	65	2.81
51	F	69	3.66	52	F	63	2.38
53	F	58	2.15	54	F	70	3.64
55	F	58	2.01				

PACIFIC HERRING

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	105	11.62	2	F	88	6.91
3	F	96	9.69	4	F	103	10.73
5	F	106	11.70				

83-524 STATION G 1425 22/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
10//0	2//0	9//0

83-525 STATION U 1515 22/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
40//36	1//1	20//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	83	5.41	2	F	87	6.22
3	F	86	6.23	4	F	89	6.82
5	F	89	9.71	6	F	92	7.49
7	F	90	7.32	8	F	84	5.57
9	F	84	6.43	10	F	93	7.60
11	F	93	7.20	12	F	90	6.92
13	F	89	7.02	14	F	92	7.77
15	F	97	8.73	16	F	92	6.82
17	F	88	6.20	18	F	93	7.59
19	F	93	7.70	20	F	88	7.09
21	F	94	7.24	22	F	91	7.01
23	F	83	5.16	24	F	82	5.07
25	F	87	6.34	26	F	82	5.24
27	F	85	5.92	28	F	80	5.37
29	F	81	5.20	30	F	83	5.06
31	F	84	5.61	32	F	84	5.50
33	F	77	4.47	34	F	94	6.87
35	F	89	5.99	36	F	89	6.66

CHUM SALMON

NO.		LENGTH	WEIGHT
1	F	72	3.34

83-528 STATION M 1635 23/06/83 TWO-BOAT TRAWL

PINK	CHUM	COHO	CUTTHROAT
10//10	22//22	1//0	1//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	76	4.95	2	F	76	4.35
3	F	74	4.16	4	F	79	4.93
5	F	70	3.25	6	F	72	4.09
7	F	69	4.07	8	F	69	3.28
9	F	78	4.35	10	F	78	4.83

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	71	3.80	2	F	75	4.39
3	F	72	4.01	4	F	66	2.91
5	F	65	2.66	6	F	70	3.56
7	F	74	4.12	8	F	68	3.29
9	F	72	3.88	10	F	68	3.24
11	F	66	3.18	12	F	67	3.01
13	F	69	3.72	14	F	67	3.13
15	F	68	3.23	16	F	68	2.99
17	F	63	2.34	18	F	69	3.70
19	F	68	3.16	20	F	67	2.88
21	F	62	2.58	22	F	64	2.96

83-529 STATION N 1705 23/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
126//22	398//69	62//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	78	N/A	2	A	76	N/A
3	A	74	N/A	4	A	67	N/A
5	A	75	N/A	6	A	75	N/A
7	A	72	N/A	8	A	71	N/A

9		A	70	N/A	10	F	72	3.50
11		F	75	3.74	12	F	75	4.14
13	bm	F	80	4.74	14	F	71	4.06
15		F	70	3.47	16	F	72	3.94
17		F	73	3.56	18	F	80	5.00
19	bm	F	71	3.71	20	F	74	3.79
21		F	76	4.26	22	F	72	3.52

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	75	N/A	2	A	67	N/A
3	A	73	N/A	4	A	63	N/A
5	A	63	N/A	6	A	69	N/A
7	A	64	N/A	8	A	64	N/A
9	A	62	N/A	10	A	63	N/A
11	A	70	N/A	12	A	62	N/A
13	A	68	N/A	14	A	72	N/A
15	A	67	N/A	16	A	66	N/A
17	A	62	N/A	18	A	59	N/A
19	A	69	N/A	20	A	74	N/A
21	A	74	N/A	22	A	73	N/A
23	A	71	N/A	24	A	71	N/A
25	A	68	N/A	26	A	67	N/A
27	A	61	N/A	28	A	69	N/A
29	A	63	N/A	30	A	61	N/A
31	A	66	N/A	32	A	59	N/A
33	A	69	N/A	34	A	66	N/A
35	F	76	4.96	36	F	75	4.11
37	F	72	4.26	38	F	62	2.29
39	F	76	4.79	40	F	73	4.33
41	F	72	3.93	42	F	72	3.80
43	F	69	3.18	44	F	73	4.13
45	F	68	3.19	46	F	69	3.08
47	F	68	3.24	48	F	70	3.50
49	F	63	2.14	50	F	67	3.03
51	F	65	2.88	52	F	65	2.70
53	F	71	3.60	54	F	71	3.56
55	F	74	4.33	56	F	69	3.17
57	F	67	2.85	58	F	69	2.98
59	F	68	2.96	60	F	70	3.36
61	F	61	2.13	62	F	61	2.42
63	F	64	2.44	64	F	58	1.87
65	F	61	2.28	66	F	65	2.83
67	F	66	2.93	68	F	66	3.04
69	F	64	2.83				

83-530 STATION L 1735 23/06/83 TWO-BOAT TRAWL

DATA MISSING OR INCOMPLETE

83-531 STATION O 1808 23/06/83 TWO-BOAT TRAWL

PINK	CHUM	COHO	STICKLE
67//22	34//34	1//1	37//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	91	8.36	2	F	93	8.28
3	F	78	4.41	4	F	78	4.36
5	F	71	3.46	6	F	76	4.52
7	F	84	5.81	8	F	78	4.41
9	F	75	3.85	10	F	76	4.06
11	F	75	3.85	12	F	77	4.25
13	F	78	4.64	14	F	77	4.40
15	F	78	4.81	16	F	76	4.32
17	F	75	4.08	18	F	72	3.49
19	F	75	4.02	20	F	73	3.22
21	F	75	4.11	22	F	77	4.14

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	70	3.57	2	F	69	3.41
3	F	73	4.38	4	F	73	3.98
5	F	78	5.24	6	F	78	4.82
7	F	72	4.26	8	F	72	3.78
9	F	73	4.15	10	F	76	4.77
11	F	72	3.90	12	F	70	3.35
13	F	73	4.21	14	F	76	4.93
15	F	75	4.25	16	F	73	3.68
17	F	70	3.46	18	F	73	4.04
19	F	72	3.67	20	F	76	4.59
21	F	68	3.29	22	F	72	3.68
23	F	70	3.87	24	F	69	3.23
25	F	70	3.61	26	F	65	2.82
27	F	63	2.47	28	F	63	2.68
29	F	65	2.55	30	F	70	3.39
31	F	59	2.29	32	F	58	1.92
33	F	69	3.23	34	F	68	3.19

COHO SALMON

NO.		LENGTH	WEIGHT
1	F	106	10.72

83-568 STATION A 0920 28/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
75//63	6//6	351//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	95	7.38	2	A	79	3.82
3	A	87	5.34	4	A	93	6.54
5	A	90	5.58	6	A	92	6.51
7	A	86	5.38	8	A	95	6.96
9	A	91	5.84	10	A	83	4.54
11	A	89	6.03	12	A	86	5.26
13	A	95	7.02	14	A	100	8.41
15	A	90	6.08	16	A	90	6.62
17	A	91	6.74	18	A	89	6.14
19	A	91	6.07	20	A	97	7.16
21	A	91	5.76	22	A	99	7.70
23	A	100	7.67	24	A	99	7.06
25	A	93	6.74	26	A	91	6.07
27	A	92	6.37	28	A	96	7.03
29	A	96	6.78	30	A	95	6.51
31	A	87	5.41	32	A	91	6.74
33	F	89	6.18	34	F	89	6.08
35	F	95	7.93	36	F	93	7.12
37	F	91	6.13	38	F	91	6.39
39	F	95	7.30	40	F	93	7.22
41	F	93	7.24	42	F	91	6.80
43	F	86	5.32	44	F	92	8.21
45	F	85	5.82	46	F	82	5.35
47	F	91	6.97	48	F	86	5.38
49	F	81	4.62	50	F	92	6.72
51	F	88	6.03	52	F	91	6.77
53	F	87	5.85	54	F	82	5.11
55	F	85	6.07	56	F	85	5.78
57	F	89	6.44	58	F	84	5.13
59	F	86	6.20	60	F	84	5.46
61	F	91	6.99	62	F	84	5.30
63	F	86	5.95				

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	77	4.41	2	F	82	5.65
3	F	68	3.34	4	F	81	5.08
5	A	88	5.16	6	A	93	7.05

83-569 STATION W 1000 28/06/83 TWO-BOAT TRAWL

PINK	CHUM
325//49	11//11

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		F	86	6.84	2		F	94	7.56
3		F	94	9.03	4		F	91	7.15
5		F	93	7.48	6		F	92	7.43
7		F	92	6.68	8		F	91	6.32
9		F	91	7.37	10		F	95	8.63
11		F	91	6.64	12		F	85	5.54
13		F	82	4.88	14		F	79	5.11
15		F	85	6.05	16		F	78	4.55
17		F	82	5.56	18		F	91	7.63
19		F	89	6.03	20		F	92	7.78
21		F	82	5.15	22		F	91	7.31
23		F	76	4.55	24		F	80	5.82
25		F	82	5.61	26		F	85	6.05
27		F	85	6.11	28		F	86	6.27
29		F	77	4.05	30		F	86	6.27
31		F	86	5.73	32		F	85	5.84
33		F	89	7.31	34		F	89	6.24
35		F	78	4.53	36		F	85	6.92
37		F	88	6.72	38		F	66	2.33
39		F	92	8.44	40		F	94	8.71
41		F	83	5.14	42		F	82	5.19
43		F	89	6.75	44		F	85	5.76
45		F	93	8.37	46	bm	N	88	6.75
47		N	80	4.73	48	bm	N	90	7.05
49	bm	N	84	5.87					

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	70	3.54	2	F	70	3.63
3	F	70	4.03	4	F	70	3.62
5	F	70	3.49	6	F	72	3.74
7	F	69	3.25	8	F	73	3.98
9	F	74	4.30	10	F	79	5.05
11	F	79	4.66				

83-570 STATION B 1050 28/06/83 TWO-BOAT TRAWL

PINK	CHUM	SANDLANCE
503//31	56//4	5//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	87	6.65	2	F	96	8.45
3	F	96	8.05	4	F	95	7.88

5	F	98	8.22	6		F	98	8.47
7	F	94	7.92	8		F	95	8.00
9	F	97	7.43	10		F	96	7.73
11	F	96	7.89	12		F	94	7.79
13	F	85	5.70	14		F	83	5.19
15	F	87	6.04	16		F	88	6.58
17	F	92	7.57	18		F	93	7.56
19	F	92	6.77	20		F	89	6.39
21	F	91	6.97	22		F	87	6.10
23	F	88	6.68	24		F	85	5.46
25	F	85	6.17	26		F	83	5.70
27	F	83	5.63	28		F	83	5.63
29	F	80	4.65	30	bm	F	89	6.32
31	F	88	6.24					

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	88	6.76	2	F	86	5.93
3	F	75	4.39	4	F	78	4.86

83-571 STATION D 1125 28/06/83 TWO-BOAT TRAWL

PINK	CHUM
58//35	3//3

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	90	6.84	2	F	92	6.97
3	F	94	8.29	4	F	94	8.13
5	F	93	7.28	6	F	94	7.83
7	F	90	7.13	8	F	94	8.13
9	F	94	7.81	10	F	95	8.31
11	F	95	7.53	12	F	87	6.28
13	F	99	9.79	14	F	94	8.13
15	F	90	6.92	16	F	92	7.34
17	F	82	5.46	18	F	92	7.76
19	F	92	7.62	20	F	92	7.73
21	F	93	7.64	22	F	92	7.19
23	F	92	7.72	24	F	95	7.77
25	F	97	8.91	26	F	88	6.77
27	F	92	7.95	28	F	92	7.91
29	F	85	5.78	30	F	84	5.75
31	F	88	7.09	32	F	88	6.81
33	F	89	6.84	34	F	92	7.61
35	F	91	6.88				

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	94	8.50	2	F	85	6.37
3	F	85	6.37				

83-572 STATION E 1155 28/06/83 TWO-BOAT TRAWL

PINK	CHUM
294//31	40//30

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	94	7.82	2	F	95	7.88
3	F	99	8.91	4	F	95	7.90
5	F	95	7.76	6	F	92	6.72
7	F	96	8.94	8	F	89	6.17
9	F	90	6.99	10	F	91	7.64
11	F	96	7.99	12	F	94	8.24
13	F	87	6.39	14	F	88	6.61
15	F	85	6.07	16	F	87	7.34
17	F	87	6.46	18	F	84	5.96
19	F	89	7.19	20	F	89	6.75
21	F	88	6.57	22	F	81	5.07
23	F	88	7.36	24	F	91	6.87
25	F	84	5.79	26	F	85	6.03
27	F	86	6.38	28	F	85	6.64
29	F	85	6.19	30	F	83	5.33
31	F	92	6.78				

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	90	6.57	2	F	87	6.25
3	F	85	5.38	4	F	78	4.58
5	F	92	7.02	6	F	83	5.38
7	F	75	4.56	8	F	87	7.32
9	F	87	6.84	10	F	84	5.59
11	F	79	5.07	12	F	79	5.33
13	F	91	8.69	14	F	94	8.40
15	F	75	4.30	16	F	81	5.37
17	F	81	5.73	18	F	82	5.10
19	F	83	5.86	20	F	84	6.26
21	F	84	6.22	22	F	85	6.51
23	F	83	5.84	24	F	84	6.43
25	F	84	6.18	26	F	80	5.01
27	F	84	6.36	28	F	78	5.20
29	F	83	6.35	30	F	82	5.44

83-573 STATION F 1240 28/06/83 TWO-BOAT TRAWL

PINK	CHUM	HERRING
103//21	53//23	1//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	85	6.66	2	F	90	7.43
3	F	89	6.96	4	F	84	5.77
5	F	75	5.04	6	F	74	3.94
7	F	80	5.81	8	F	86	6.76
9	F	81	5.69	10	F	90	7.47
11	F	86	6.47	12	F	84	6.00
13	F	85	6.49	14	F	90	7.28
15	F	85	5.60	16	F	77	4.60
17	F	82	5.53	18	F	84	6.10
19	F	80	5.60	20	F	83	5.92
21	F	86	6.86				

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	76	4.86	2	F	76	4.74
3	F	72	3.99	4	F	75	4.59
5	F	75	4.96	6	F	85	6.58
7	F	83	6.31	8	F	83	5.87
9	F	78	5.00	10	F	77	4.93
11	F	80	5.25	12	F	82	5.19
13	F	82	5.52	14	F	69	3.95
15	F	77	4.84	16	F	63	2.83
17	F	75	4.24	18	F	80	5.06
19	F	85	5.87	20	F	78	4.43
21	F	70	3.54	22	F	82	5.73
23	F	75	4.37				

83-574 STATION I 1325 28/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE	HERRING
797//23	217//15	500//4	6//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	91	7.78	2	F	83	5.92
3	F	92	8.32	4	F	89	6.82
5	F	84	6.37	6	F	88	7.10
7	F	96	9.05	8	F	85	6.42

9		F	91	8.05	10		F	102	10.43
11		F	96	8.78	12		F	83	6.01
13		F	93	8.34	14		F	94	9.22
15		F	81	5.44	16		F	78	5.09
17		F	78	5.60	18		F	89	7.49
19		F	89	7.22	20		F	85	6.30
21		F	94	8.18	22		F	90	7.28
23		F	78	5.42					

CHUM SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		F	95	9.83	2		F	70	4.14
3		F	87	6.91	4		F	84	6.60
5		F	79	5.72	6		F	79	5.78
7		F	85	6.60	8		F	83	6.81
9		F	83	6.60	10		F	80	5.86
11		F	78	5.47	12		F	80	5.95
13		F	77	5.14	14		F	75	4.93
15	bm	F	71	4.16					

THREESPINE STICKLEBACK

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		F	66	4.46	2		F	57	2.36
3		F	59	2.40	4		F	61	2.19

83-575 STATION M 1425 28/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
712//47	468//77	70//0

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		A	79	4.37	2		A	82	5.98
3		A	76	4.35	4		A	80	5.06
5		A	92	7.61	6		A	81	5.66
7		A	81	5.11	8		A	92	6.96
9		A	87	6.75	10		A	94	7.82
11		A	88	6.24	12		A	81	4.95
13		A	84	5.34	14	bm	F	82	6.28
15		F	74	4.47	16		F	80	5.39
17		F	76	4.57	18		F	76	4.87
19		F	77	5.04	20		F	77	5.84
21		F	89	7.72	22		F	79	4.90
23		F	78	5.74	24		F	79	5.11
25	bm	F	83	6.13	26		F	86	6.41
27		F	79	5.09	28		F	86	7.18
29		F	88	6.77	30		F	78	5.36

31	F	79	5.66	32	F	83	6.05
33	F	84	6.83	34	F	74	4.64
35	F	86	6.73	36	F	77	5.20
37	F	78	4.94	38	F	75	4.29
39	F	77	4.88	40	F	78	5.23
41	F	83	5.85	42	F	83	5.72
43	F	96	8.85	44	F	81	5.19
45	F	78	5.03	46	F	76	4.86
47	F	89	7.01				

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	67	3.77	2	F	67	4.32
3	F	67	3.86	4	F	69	3.79
5	F	73	4.73	6	F	75	4.87
7	F	68	3.68	8	F	80	5.51
9	F	72	4.15	10	F	79	5.67
11	F	67	3.19	12	F	66	3.39
13	F	75	4.72	14	F	77	5.43
15	F	78	5.54	16	F	74	4.47
17	F	74	4.32	18	F	67	3.49
19	F	71	4.36	20	F	72	4.49
21	F	78	5.43	22	F	74	5.07
23	F	76	4.99	24	F	70	4.04
25	F	76	4.78	26	F	73	4.41
27	F	67	3.48	28	F	65	3.40
29	F	71	4.33	30	F	67	3.54
31	F	68	3.69	32	F	68	3.52
33	F	75	4.64	34	F	64	3.16
35	F	79	5.57	36	A	74	N/A
37	A	75	N/A	38	A	74	N/A
39	A	92	N/A	40	A	81	N/A
41	A	77	N/A	42	A	85	N/A
43	A	75	N/A	44	A	74	N/A
45	A	76	N/A	46	A	73	N/A
47	A	77	N/A	48	A	76	N/A
49	A	77	N/A	50	A	78	N/A
51	A	78	N/A	52	A	72	N/A
53	A	82	N/A	54	A	76	N/A
55	A	76	N/A	56	A	80	N/A
57	A	78	N/A	58	A	77	N/A
59	A	76	N/A	60	A	76	N/A
61	A	76	N/A	62	A	60	N/A
63	A	71	N/A	64	A	79	N/A
65	A	65	N/A	66	A	79	N/A
67	A	74	N/A	68	A	82	N/A
69	A	75	N/A	70	A	75	N/A
71	A	75	N/A	72	A	70	N/A
73	A	80	N/A	74	A	73	N/A
75	A	70	N/A	76	A	70	N/A
77	A	80	N/A				

83-576 STATION N 1515 28/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
720//25	400//35	50//1

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	92	N/A	2	A	94	N/A
3	A	100	N/A	4	A	92	N/A
5	A	90	N/A	6	A	83	N/A
7	A	86	N/A	8	A	83	N/A
9	A	86	N/A	10	A	86	N/A
11	F	86	6.72	12	F	85	6.86
13	F	84	5.76	14	F	88	7.01
15	F	93	9.06	16	F	87	6.75
17	F	84	6.53	18	F	79	5.06
19	F	86	7.32	20	F	86	6.83
21	F	83	6.23	22	F	82	6.35
23	F	77	4.96	24	F	77	5.20
25	F	78	4.92				

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	77	5.17	2	F	75	4.91
3	F	72	4.20	4	F	82	5.76
5	F	77	5.20	6	F	82	6.55
7	F	79	5.59	8	F	74	3.97
9	F	79	5.51	10	F	74	4.33
11	F	79	5.38	12	F	80	5.62
13	F	68	3.65	14	F	74	4.66
15	F	85	6.99	16	F	75	4.45
17	F	81	6.02	18	F	68	3.35
19	A	80	N/A	20	A	69	N/A
21	A	69	N/A	22	A	76	N/A
23	A	72	N/A	24	A	72	N/A
25	A	80	N/A	26	A	72	N/A
27	A	84	N/A	28	A	76	N/A
29	A	83	N/A	30	A	78	N/A
31	A	78	N/A	32	A	72	N/A
33	A	73	N/A	34	A	78	N/A
35	A	73	N/A				

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT
1	F	67	4.08

```
83-577   STATION O        1610  28/06/83  TWO-BOAT TRAWL
---------------------------------------------------------------------
   PINK        CHUM        STICKLE
   17//0       2//0        11//0
---------------------------------------------------------------------


83-578   STATION V        0900  29/06/83  TWO-BOAT TRAWL
---------------------------------------------------------------------
   STICKLE
   1//0
---------------------------------------------------------------------


83-579   STATION A        0927  29/06/83  TWO-BOAT TRAWL
---------------------------------------------------------------------
   PINK        CHUM        STICKLE     HERRING
   65//34      1//1        1//0        1//0
---------------------------------------------------------------------

                         PINK SALMON
         NO.         LENGTH   WEIGHT      NO.         LENGTH   WEIGHT
          1       F    96       8.56       2       F    95       7.77
          3       F    93       7.37       4       F    92       7.42
          5       F    87       6.17       6       F    92       7.39
          7       F    93       8.02       8       F    87       6.30
          9       F    89       7.21      10       F    82       5.23
         11       F    78       4.94      12  bm   F    81       5.42
         13       F    85       6.30      14       F    83       5.40
         15       F    74       4.68      16       F    88       6.86
         17       F    96       9.07      18       F    85       5.75
         19       F    83       5.86      20       F    89       7.25
         21       F    87       6.43      22       F    91       7.69
         23       F    91       7.15      24       F    95       7.75
         25       F    82       5.17      26       F    91       7.58
         27       F    87       6.68      28       F    83       6.01
         29       F    90       7.25      30       F    82       5.25
         31       F    86       6.27      32       F    95       7.85
         33       F    79       4.86      34       F    82       5.09

                         CHUM SALMON
         NO.         LENGTH   WEIGHT
          1       F    91       6.95
```

83-580 STATION S 1017 29/06/83 TWO-BOAT TRAWL

PINK	CHUM
180//30	1//1

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	92	7.76	2	F	91	7.88
3	F	92	9.16	4	F	92	7.46
5	F	96	9.28	6	F	91	7.92
7	F	93	7.97	8	F	91	6.97
9	F	88	6.38	10	F	96	8.47
11	F	82	5.42	12	F	87	7.47
13	F	91	7.81	14	F	96	9.64
15	F	89	6.76	16	F	91	7.38
17	F	89	7.21	18	F	86	5.70
19	F	88	7.32	20	F	90	7.51
21	F	90	6.68	22	F	98	8.74
23	F	85	6.02	24	F	90	7.88
25	F	89	7.77	26	F	83	5.52
27	F	92	7.91	28	F	92	8.14
29	F	90	6.65	30	F	87	6.09

CHUM SALMON

NO.		LENGTH	WEIGHT
1	F	89	7.70

83-581 STATION I 1050 29/06/83 TWO-BOAT TRAWL

DATA MISSING OR INCOMPLETE

83-582 STATION P 1130 29/06/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
381//30	4//4	29//1

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	89	7.42	2	F	102	10.41
3	F	96	8.49	4	F	90	6.60
5	F	89	7.32	6	F	96	8.69
7	F	90	7.61	8	F	91	7.45

9	F	82	6.00	10		F	93	8.67
11	F	93	7.68	12		F	89	7.21
13	F	94	8.77	14		F	93	8.11
15	F	87	6.69	16		F	88	7.32
17	F	87	7.05	18		F	88	7.16
19	F	85	6.72	20		F	89	8.40
21	F	95	8.53	22		F	97	8.89
23	F	87	6.72	24		F	88	7.07
25	F	88	7.06	26		F	86	6.65
27	F	91	7.79	28		F	91	7.40
29	F	91	7.40	30	bm	F	91	7.35

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	84	5.96	2	F	85	5.93
3	F	87	7.21	4	F	87	7.22

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT
1	F	68	3.11

83-623 STATION W 0900 12/07/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
30//30	8//8	4//1

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	101	10.36	2	F	101	10.64
3	F	106	11.49	4	F	100	9.26
5	F	100	9.69	6	F	99	9.14
7	F	103	11.12	8	F	101	9.86
9	F	104	11.15	10	F	99	8.78
11	F	97	9.15	12	F	106	11.41
13	F	100	9.53	14	F	100	10.06
15	F	101	9.94	16	F	96	8.15
17	F	102	11.04	18	F	101	10.68
19	F	104	10.38	20	F	99	9.33
21	F	104	12.23	22	F	104	10.77
23	F	95	8.28	24	F	101	10.72
25	F	106	10.60	26	F	103	10.61
27	F	101	9.73	28	F	98	9.33
29	F	98	8.60	30	F	92	7.88

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	87	6.75	2	F	92	8.81
3	F	89	6.84	4	F	90	6.66
5	F	101	10.00	6	F	94	8.48
7	F	97	9.45	8	F	85	5.76

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT
1	F	69	4.33

83-624 STATION U 0943 12/07/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
88//35	2//2	1//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	101	10.35	2	F	108	12.13
3	F	103	10.73	4	F	106	11.51
5	F	105	11.54	6	F	101	9.63
7	F	100	9.57	8	F	107	11.93
9	F	103	9.70	10	F	104	11.23
11	F	98	9.30	12	F	107	11.61
13	F	102	10.05	14	F	101	10.92
15	F	100	9.27	16	F	104	10.24
17	F	104	10.04	18	F	104	11.04
19	F	104	10.50	20	F	96	8.62
21	F	98	9.47	22	F	103	9.63
23	F	102	10.68	24	F	102	11.60
25	F	103	9.72	26	F	102	10.00
27	F	102	10.57	28	F	104	11.66
29	F	108	12.30	30	F	105	10.68
31	F	107	12.94	32	F	101	8.69
33	F	107	11.60	34	F	103	9.80
35	F	103	11.16				

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	101	10.97	2	F	98	9.80

83-625 STATION F 1028 12/07/83 TWO-BOAT TRAWL

PINK	STICKLE
11//0	2//0

```
83-626   STATION J        1110  12/07/83  TWO-BOAT TRAWL
----------------------------------------------------------------------
   STICKLE
   12//0
----------------------------------------------------------------------


83-627   STATION K        1148  12/07/83  TWO-BOAT TRAWL
----------------------------------------------------------------------
   PINK        STICKLE
   1//0        12//0
----------------------------------------------------------------------


83-628   STATION M        1220  12/07/83  TWO-BOAT TRAWL
----------------------------------------------------------------------
   STICKLE
   94//0
----------------------------------------------------------------------


83-629   STATION N        1300  12/07/83  TWO-BOAT TRAWL
----------------------------------------------------------------------
   CHUM        STICKLE
   1//0        151//0
----------------------------------------------------------------------


83-630   STATION O        1343  12/07/83  TWO-BOAT TRAWL
----------------------------------------------------------------------
   PINK        STICKLE
   9//0        105//0
----------------------------------------------------------------------


83-631   STATION P        1420  12/07/83  TWO-BOAT TRAWL
----------------------------------------------------------------------
   PINK        CHUM        STICKLE
   10//10      20//20      61//1
----------------------------------------------------------------------
```

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	101	10.45	2	F	93	8.71
3	F	99	10.34	4	F	98	10.00
5	F	96	9.07	6	F	95	8.74
7	F	98	8.84	8	F	99	9.91
9	F	94	9.57	10	F	93	8.54

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	96	9.44	2	F	95	9.38
3	F	93	9.10	4	F	93	8.24
5	F	91	8.10	6	F	86	6.99
7	F	89	7.54	8	F	96	9.26
9	F	90	7.30	10	F	88	7.07
11	F	89	7.81	12	F	96	9.14
13	F	93	7.73	14	F	94	9.25
15	F	96	10.27	16	F	95	9.16
17	F	80	5.81	18	F	91	8.23
19	F	87	6.93	20	F	94	9.20

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT
1	F	52	1.78

83-632 STATION A 0840 15/07/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
4//2	4//4	207//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	94	8.79	2	F	101	10.19

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	109	13.88	2	F	96	9.61
3	F	79	5.92	4	F	82	6.28

83-633 STATION B 0930 15/07/83 TWO-BOAT TRAWL

PINK	CHUM	STICKLE
83//32	4//4	1//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	100	9.54	2	F	96	8.65
3	F	98	9.91	4	F	95	8.81
5	F	100	10.08	6	F	108	12.87
7	F	106	11.29	8	F	98	10.23
9	F	108	13.13	10	F	102	10.43
11	F	93	8.33	12	F	103	10.63
13	F	101	10.31	14	F	107	12.42
15	F	102	11.18	16	F	99	9.44
17	F	103	12.10	18	F	95	8.80
19	F	98	10.56	20	F	104	11.83
21	F	102	10.50	22	F	101	10.50
23	F	99	9.51	24	F	101	10.65
25	F	102	12.05	26	F	107	13.10
27	F	100	10.66	28	F	102	11.20
29	F	97	8.90	30	F	99	10.45
31	F	107	13.24	32	F	104	12.61

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	98	9.95	2	F	93	8.53
3	F	95	10.92	4	F	100	11.70

83-634 STATION D 1005 15/07/83 TWO-BOAT TRAWL

PINK	CHUM
69//21	12//12

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	101	10.43	2	F	100	9.71
3	F	101	12.21	4	F	105	11.28
5	F	99	11.70	6	F	95	9.51
7	F	95	8.40	8	F	100	10.54
9	F	104	10.87	10	F	98	10.87
11	F	96	9.54	12	F	98	11.45
13	F	102	11.60	14	F	100	10.70
15	F	97	10.73	16	F	103	12.14
17	F	100	10.82	18	F	99	9.80
19	F	98	9.68	20	F	100	10.79
21	F	95	10.03				

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	98	11.58	2	F	91	9.69
3	F	98	11.41	4	F	96	10.80
5	F	102	11.76	6	F	95	9.27
7	F	92	9.46	8	F	97	9.50
9	F	101	12.54	10	F	100	11.15
11	F	101	11.31	12	F	99	10.74

83-635 STATION G 1057 15/07/83 TWO-BOAT TRAWL

PINK	CHUM
2//2	9//9

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	107	12.53	2	F	100	10.15

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	102	11.15	2	F	102	10.58
3	F	100	10.33	4	F	98	10.29
5	F	98	11.10	6	F	90	7.96
7	F	96	9.45	8	F	93	9.17
9	F	98	10.46				

83-636 STATION E 1137 15/07/83 TWO-BOAT TRAWL

PINK
352//36

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	102	11.01	2	F	102	12.48
3	F	100	10.47	4	F	104	11.47
5	F	98	11.18	6	F	97	9.51
7	F	100	9.90	8	F	106	11.10
9	F	99	10.53	10	F	104	10.57
11	F	99	10.48	12	F	94	9.69
13	F	93	8.51	14	F	104	11.21
15	F	95	8.91	16	F	98	10.75
17	F	105	12.11	18	F	103	11.12

19	F	95	9.31	20	F	98	10.39
21	F	98	10.91	22	F	101	11.41
23	F	100	11.64	24	F	103	11.42
25	F	104	11.69	26	F	103	10.21
27	F	100	10.72	28	F	97	9.90
29	F	97	10.05	30	F	103	11.31
31	F	97	9.28	32	F	95	9.29
33	F	104	12.31	34	F	98	10.48
35	F	97	10.03	36	F	94	9.13

1984 TWO-BOAT TRAWL CATCHES

84-085 STATION J 1100 16/05/84 TWO-BOAT TRAWL

SOCKEYE	CHUM
2//2	2//2

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	76	4.31	2	F	79	5.06

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	45	0.90	2	F	49	1.10

84-086 STATION I 1200 16/05/84 TWO-BOAT TRAWL

CHUM	STICKLE
3//3	27//27

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	45	0.84	2	F	52	1.42
3	F	50	1.20				

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	66	3.19	2	F	63	2.59
3	F	56	1.66	4	F	57	1.84
5	F	60	2.31	6	F	62	2.82
7	F	52	1.32	8	F	53	1.34
9	F	62	2.58	10	F	56	1.55
11	F	48	1.08	12	F	65	3.43
13	F	61	2.46	14	F	54	1.65
15	F	56	1.70	16	F	59	2.22
17	F	49	1.32	18	F	51	1.18
19	F	59	2.36	20	F	62	2.39
21	F	62	2.59	22	F	62	2.74
23	F	63	2.94	24	F	62	2.90
25	F	59	2.27	26	F	57	1.77

27	F	56	1.76

84-087 STATION H 1245 16/05/84 TWO-BOAT TRAWL

STICKLE
60//50

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	62	2.95	2	F	60	2.28
3	F	59	2.00	4	F	40	0.64
5	F	62	2.72	6	F	58	2.22
7	F	62	2.45	8	F	59	2.31
9	F	59	1.99	10	F	58	2.18
11	F	61	2.17	12	F	70	3.93
13	F	51	1.53	14	F	53	1.62
15	F	67	3.46	16	F	56	2.02
17	F	56	1.57	18	F	58	1.90
19	F	61	2.05	20	F	56	1.79
21	F	55	1.68	22	F	59	2.24
23	F	65	2.81	24	F	60	2.20
25	F	59	2.36	26	F	58	2.44
27	F	49	1.08	28	F	63	2.85
29	F	64	2.56	30	F	60	2.22
31	F	67	3.45	32	F	60	2.20
33	F	60	2.20	34	F	59	2.45
35	F	49	0.96	36	F	65	2.47
37	F	60	2.08	38	F	51	1.30
39	F	62	2.57	40	F	59	2.00
41	F	64	2.84	42	F	57	1.93
43	F	50	1.13	44	F	68	2.84
45	F	56	1.79	46	F	58	2.17
47	F	54	1.74	48	F	64	2.72
49	F	63	2.80	50	F	60	2.29

84-088 STATION G 1345 16/05/84 TWO-BOAT TRAWL

CHUM	STICKLE
1//1	49//49

CHUM SALMON

NO.		LENGTH	WEIGHT
1	F	95	N/A

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	46	0.97	2	F	50	1.22
3	F	42	0.73	4	F	60	2.19
5	F	66	3.20	6	F	46	0.95
7	F	63	2.75	8	F	48	1.11
9	F	52	1.45	10	F	55	1.72
11	F	56	1.86	12	F	47	0.91
13	F	56	1.50	14	F	55	1.80
15	F	50	1.23	16	F	59	2.28
17	F	54	1.78	18	F	51	1.52
19	F	63	3.15	20	F	46	0.98
21	F	57	1.98	22	F	52	1.33
23	F	47	0.92	24	F	52	1.44
25	F	55	1.72	26	F	59	2.35
27	F	58	2.01	28	F	48	1.14
29	F	53	1.46	30	F	51	1.28
31	F	51	1.41	32	F	60	2.23
33	F	47	0.97	34	F	65	3.42
35	F	51	1.40	36	F	64	2.76
37	F	54	1.51	38	F	62	2.81
39	F	58	1.97	40	F	53	1.54
41	F	58	2.21	42	F	58	1.96
43	F	48	0.97	44	F	64	2.93
45	F	53	1.52	46	F	51	1.31
47	F	52	1.44	48	F	51	1.29
49	F	45	0.92				

84-089 STATION F 1415 16/05/84 TWO-BOAT TRAWL

SOCKEYE	STICKLE
1//1	1592//51

SOCKEYE SALMON

NO.		LENGTH	WEIGHT
1	F	110	N/A

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	50	1.17	2	F	60	2.52
3	F	59	2.11	4	F	60	2.39
5	F	64	2.58	6	F	46	0.78
7	F	42	0.68	8	F	46	0.98
9	F	47	1.02	10	F	55	1.73
11	F	58	2.21	12	F	56	1.76
13	F	64	2.53	14	F	55	1.63
15	F	44	0.82	16	F	61	2.64

17	F	56	1.59	18	F	55	1.73
19	F	47	0.96	20	F	56	1.77
21	F	56	1.81	22	F	46	0.91
23	F	58	2.36	24	F	53	1.41
25	F	57	1.79	26	F	46	0.93
27	F	51	1.25	28	F	46	0.81
29	F	60	2.45	30	F	50	1.05
31	F	61	2.41	32	F	54	1.37
33	F	59	2.46	34	F	62	2.17
35	F	51	1.25	36	F	67	3.06
37	F	63	2.38	38	F	57	2.05
39	F	53	1.70	40	F	63	2.52
41	F	51	1.15	42	F	48	0.91
43	F	43	0.67	44	F	60	2.35
45	F	53	1.51	46	F	61	2.71
47	F	54	1.71	48	F	63	3.11
49	F	46	0.88	50	F	54	1.60
51	F	53	1.53				

84-090 STATION K 1515 16/05/84 TWO-BOAT TRAWL

STICKLE
12//12

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	54	1.57	2	F	65	3.55
3	F	46	0.83	4	F	59	2.28
5	F	58	2.15	6	F	64	2.64
7	F	47	1.13	8	F	65	3.23
9	F	62	2.37	10	F	65	3.51
11	F	62	2.69	12	F	59	2.11

84-103 STATION A 0900 20/05/84 TWO-BOAT TRAWL

SOCKEYE	COHO	DOLLY	STICKLE	TUBESNOUT
144//144	1//1	1//1	27//27	1//1

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	84	5.49	2	F	85	6.21
3	F	84	6.41	4	F	89	7.29
5	F	78	4.43	6	F	89	7.00
7	F	84	5.47	8	F	85	5.98

9	F	82	5.36	10	F	73	3.30
11	F	80	4.74	12	F	77	4.29
13	F	83	5.99	14	F	88	6.80
15	F	82	5.34	16	F	79	5.20
17	F	81	5.14	18	F	82	5.52
19	F	86	6.63	20	F	78	4.86
21	F	84	5.92	22	F	90	7.50
23	F	85	5.73	24	F	84	5.94
25	F	82	5.67	26	F	79	4.83
27	F	81	5.17	28	F	71	3.63
29	F	75	4.14	30	F	81	4.69
31	F	83	5.55	32	F	86	6.61
33	F	89	7.11	34	F	76	4.49
35	F	84	6.29	36	F	87	6.39
37	F	91	7.47	38	F	85	6.40
39	F	84	5.50	40	F	88	6.99
41	F	76	3.61	42	F	73	3.32
43	F	85	6.11	44	F	86	6.24
45	F	81	4.76	46	F	76	4.11
47	F	76	4.58	48	F	84	5.92
49	F	77	4.54	50	F	82	5.78
51	F	81	5.23	52	F	76	4.53
53	F	77	4.44	54	F	79	5.13
55	F	87	6.66	56	F	74	4.01
57	F	85	6.16	58	F	80	4.87
59.	F	80	4.79	60	F	77	4.62
61	F	69	3.18	62	F	76	4.22
63	F	79	5.15	64	F	81	5.66
65	F	81	5.24	66	F	78	4.10
67	F	78	4.86	68	F	74	3.88
69	F	72	3.63	70	F	84	5.78
71	F	82	5.25	72	F	72	3.96
73	F	67	2.89	74	F	85	6.17
75	F	82	5.34	76	F	75	4.19
77	F	68	3.03	78	F	68	3.12
79	F	83	5.23	80	F	79	4.93
81	F	68	2.89	82	F	68	3.26
83	F	86	6.55	84	F	90	7.43
85	F	85	6.05	86	F	76	4.71
87	F	90	7.41	88	F	90	7.51
89	F	82	5.38	90	F	91	8.05
91	F	83	5.77	92	F	81	5.32
93	F	87	6.36	94	F	85	6.03
95	F	89	6.85	96	F	85	6.15
97	F	86	6.56	98	F	84	5.81
99	F	78	4.71	100	F	81	5.60
101	F	75	4.13	102	F	80	5.00
103	F	85	6.49	104	F	81	4.97
105	F	69	2.96	106	F	74	3.53
107	F	82	5.24	108	F	82	5.35
109	F	91	8.19	110	F	79	4.99
111	F	87	6.58	112	F	77	4.64
113	F	74	3.70	114	F	72	3.64
115	F	82	5.81	116	F	72	3.51

117	F	78	4.94	118	F	86	6.24
119	F	77	4.52	120	F	77	4.37
121	F	78	5.13	122	F	78	4.69
123	F	72	3.93	124	F	72	3.93
125	F	80	5.23	126	F	80	5.37
127	F	73	3.81	128	F	71	3.01
129	F	73	3.69	130	F	79	4.93
131	F	68	2.69	132	F	73	4.31
133	F	83	6.02	134	F	74	4.07
135	F	76	4.41	136	F	78	5.19
137	F	74	3.84	138	F	68	3.06
139	F	70	3.39	140	F	78	5.18
141	F	77	4.13	142	F	68	2.41
143	F	76	4.86	144	F	84	5.68

COHO SALMON

NO.		LENGTH	WEIGHT
1	F	95	8.83

DOLLY VARDEN

NO.		LENGTH	WEIGHT
1	F	114	12.60

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	65	3.05	2	F	65	2.69
3	F	63	2.56	4	F	60	2.68
5	F	62	2.48	6	F	65	3.65
7	F	58	2.50	8	F	60	2.37
9	F	65	2.59	10	F	64	2.61
11	F	48	1.03	12	F	62	2.92
13	F	63	2.51	14	F	62	3.13
15	F	64	2.90	16	F	63	2.75
17	F	58	1.98	18	F	63	2.95
19	F	59	2.52	20	F	62	2.61
21	F	61	2.25	22	F	63	2.35
23	F	65	1.83	24	F	58	2.05
25	F	61	2.56	26	F	57	1.84
27	F	68	3.36				

TUBESNOUT

NO.		LENGTH	WEIGHT
1	F	121	2.55

```
84-104   STATION P          0945  20/05/84  TWO-BOAT TRAWL
-----------------------------------------------------------------
   SOCKEYE    COHO        STICKLE
   16//16     7//7        1//1
-----------------------------------------------------------------


                        SOCKEYE SALMON
          NO.        LENGTH   WEIGHT      NO.        LENGTH     WEIGHT
           1       F   87       6.44        2       F   89        6.48
           3       F   89       6.30        4       F   78        4.23
           5       F   85       5.57        6       F   86        6.41
           7       F   81       5.12        8       F   85        6.03
           9       F   81       5.07       10       F   77        4.32
          11       F   93       7.60       12       F   91        6.89
          13       F   90       7.66       14       F   89        6.42
          15       F   85       6.13       16       F   87        6.61


                        COHO SALMON
          NO.        LENGTH   WEIGHT      NO.        LENGTH     WEIGHT
           1       F   89       7.02        2       F   90        8.20
           3       F   90       8.21        4       F   98       10.74
           5       F   93       8.35        6       F   91        7.96
           7       F   90       7.73


                        THREESPINE STICKLEBACK
          NO.        LENGTH   WEIGHT
           1       F   63       2.62


84-105   STATION            1010  20/05/84  TWO-BOAT TRAWL
-----------------------------------------------------------------
   COHO
   2//2
-----------------------------------------------------------------


                        COHO SALMON
          NO.        LENGTH   WEIGHT      NO.        LENGTH     WEIGHT
           1       F  100      12.63        2       F   92        7.71


84-106   STATION N          1050  20/05/84  TWO-BOAT TRAWL
-----------------------------------------------------------------
   NO CATCH
-----------------------------------------------------------------
```

84-107 STATION C 1145 20/05/84 TWO-BOAT TRAWL

LARVAL FISH

84-108 STATION E 1215 20/05/84 TWO-BOAT TRAWL

LARVAL FISH

84-109 STATION D 1300 20/05/84 TWO-BOAT TRAWL

STICKLE
6//6

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	65	2.95	2	F	59	1.68
3	F	59	1.95	4	F	59	2.08
5	F	48	1.07	6	F	48	1.13

84-110 STATION M 1330 20/05/84 TWO-BOAT TRAWL

CHUM	STICKLE
1//1	207//109

CHUM SALMON

NO.		LENGTH	WEIGHT
1	F	51	1.32

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	61	2.36	2	F	59	1.86
3	F	59	2.07	4	F	62	2.48
5	F	68	3.01	6	F	64	2.79
7	F	64	2.39	8	F	56	1.38
9	F	63	2.65	10	F	66	3.18
11	F	63	2.79	12	F	54	1.13
13	F	65	3.08	14	F	56	1.60
15	F	48	0.94	16	F	65	2.70
17	F	66	2.48	18	F	53	1.42

19	F	62	2.39	20	F	58	1.58
21	F	61	1.94	22	F	56	1.52
23	F	56	1.78	24	F	65	3.12
25	F	58	2.21	26	F	61	2.35
27	F	55	1.49	28	F	60	1.96
29	F	60	2.20	30	F	63	2.46
31	F	64	2.68	32	F	61	2.03
33	F	65	2.80	34	F	49	1.09
35	F	52	1.21	36	F	57	1.61
37	F	61	2.49	38	F	61	2.32
39	F	60	2.14	40	F	54	1.45
41	F	57	1.63	42	F	51	0.96
43	F	60	2.14	44	F	58	1.80
45	F	57	1.60	46	F	54	1.62
47	F	56	1.73	48	F	57	1.57
49	F	60	2.34	50	F	57	1.65
51	F	66	3.02	52	F	59	2.03
53	F	43	0.72	54	F	52	1.28
55	F	54	1.75	56	F	55	1.57
57	F	70	4.21	58	F	55	1.48
59	F	54	1.75	60	F	63	2.78
61	F	63	2.82	62	F	55	1.72
63	F	53	1.49	64	F	62	2.64
65	F	45	0.81	66	F	63	2.60
67	F	49	1.05	68	F	62	2.42
69	F	63	2.68	70	F	59	2.13
71	F	58	1.78	72	F	59	2.18
73	F	64	2.97	74	F	53	1.43
75	F	54	1.49	76	F	64	2.47
77	F	55	1.43	78	F	53	1.33
79	F	58	2.28	80	F	50	1.11
81	F	50	1.21	82	F	49	1.14
83	F	57	1.96	84	F	64	2.58
85	F	62	2.47	86	F	62	2.48
87	F	47	1.02	88	F	57	1.77
89	F	60	2.07	90	F	62	2.61
91	F	57	1.85	92	F	58	1.87
93	F	62	2.41	94	F	61	2.21
95	F	48	0.96	96	F	60	2.21
97	F	58	2.21	98	F	54	1.73
99	F	57	2.01	100	F	59	2.05
101	F	63	3.12	102	F	61	2.40
103	F	44	0.77	104	F	53	1.33
105	F	60	1.76	106	F	64	2.63
107	F	52	1.16	108	F	52	1.31
109	F	57	1.65				

84-111 STATION L 1420 20/05/84 TWO-BOAT TRAWL

STICKLE
5//5

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	67	3.42	2	F	52	1.27
3	F	54	1.72	4	F	60	2.16
5	F	60	2.08				

84-160 STATION J 0845 08/06/84 TWO-BOAT TRAWL

STICKLE
5//5

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	68	N/A	2	F	98	N/A
3	F	73	N/A	4	F	56	N/A
5	F	64	N/A				

84-161 STATION I 0920 08/06/84 TWO-BOAT TRAWL

NO CATCH

84-162 STATION H 0950 08/06/84 TWO-BOAT TRAWL

NO CATCH

84-163 STATION G 1030 08/06/84 TWO-BOAT TRAWL

STICKLE
69//0

```
84-164   STATION F          1105  08/06/84  TWO-BOAT TRAWL
------------------------------------------------------------------
   COHO        STICKLE
   2//2        5//5
------------------------------------------------------------------


                        COHO SALMON
         NO.         LENGTH   WEIGHT      NO.        LENGTH     WEIGHT
          1       N  121        N/A        2      N  131          N/A

                        THREESPINE STICKLEBACK
         NO.         LENGTH   WEIGHT      NO.        LENGTH     WEIGHT
          1       F   52        N/A        2      F   62          N/A
          3       F   60        N/A        4      F   62          N/A
          5       F   63        N/A


84-165   STATION K          1135  08/06/84  TWO-BOAT TRAWL
------------------------------------------------------------------
   STICKLE
   2//0
------------------------------------------------------------------


84-166   STATION L          1210  08/06/84  TWO-BOAT TRAWL
------------------------------------------------------------------
   COHO        STICKLE
   3//3        3//0
------------------------------------------------------------------


                        COHO SALMON
         NO.         LENGTH   WEIGHT      NO.        LENGTH     WEIGHT
          1       N  116        N/A        2      N  110          N/A
          3       N  121        N/A


84-167   STATION M          1240  08/06/84  TWO-BOAT TRAWL
------------------------------------------------------------------
   CHUM        STICKLE
   2//2        1//0
------------------------------------------------------------------


                        CHUM SALMON
         NO.         LENGTH   WEIGHT      NO.        LENGTH     WEIGHT
          1       F   71       3.18        2      F   67         2.67
```

```
84-168   STATION D         1320  08/06/84  TWO-BOAT TRAWL
-----------------------------------------------------------------
   NO CATCH
-----------------------------------------------------------------


84-169   STATION E         1355  08/06/84  TWO-BOAT TRAWL
-----------------------------------------------------------------
   STICKLE
   1//0
-----------------------------------------------------------------


84-170   STATION C         1440  08/06/84  TWO-BOAT TRAWL
-----------------------------------------------------------------
   NO CATCH
-----------------------------------------------------------------


84-171   STATION N         1545  08/06/84  TWO-BOAT TRAWL
-----------------------------------------------------------------
   NO CATCH
-----------------------------------------------------------------


84-172   STATION O         1615  08/06/84  TWO-BOAT TRAWL
-----------------------------------------------------------------
   STICKLE
   25//0
-----------------------------------------------------------------


84-173   STATION P         1655  08/06/84  TWO-BOAT TRAWL
-----------------------------------------------------------------
   STICKLE
   1//0
-----------------------------------------------------------------
```

```
84-174   STATION A          1730  08/06/84  TWO-BOAT TRAWL
--------------------------------------------------------------------
   STICKLE
   38//0
--------------------------------------------------------------------


84-194   STATION J          0915  16/06/84  TWO-BOAT TRAWL
--------------------------------------------------------------------
   CHUM        STICKLE
   4//4        1//1
--------------------------------------------------------------------

                        CHUM SALMON
          NO.        LENGTH   WEIGHT     NO.         LENGTH     WEIGHT
           1       F   75       4.16      2       F    68          3.13
           3       F   71       3.26      4       F    70          3.24

                        THREESPINE STICKLEBACK
          NO.        LENGTH   WEIGHT
           1       F   61       2.48


84-195   STATION I          0950  16/06/84  TWO-BOAT TRAWL
--------------------------------------------------------------------
   NO CATCH
--------------------------------------------------------------------


84-196   STATION H          1015  16/06/84  TWO-BOAT TRAWL
--------------------------------------------------------------------
   SOCKEYE     CHUM        STICKLE
   1//1        20//20      226//0
--------------------------------------------------------------------

                        SOCKEYE SALMON
          NO.        LENGTH   WEIGHT
           1       F   89       6.28

                        CHUM SALMON
          NO.        LENGTH   WEIGHT     NO.         LENGTH     WEIGHT
           1       F   76       4.40      2       F    82          4.91
           3       F   83       5.69      4       F    64          2.43
```

```
        5         F    93         7.97      6       F     77          4.19
        7         F    86         5.84      8       F     81          4.81
        9         F    91         7.58     10       F     76          4.16
       11         F    81         4.87     12       F     81          4.70
       13         F    65         2.43     14       F     79          4.13
       15         F    77         4.86     16       F     79          4.60
       17         F    79         4.68     18       F     59          1.89
       19         F    74         3.88     20       F     74          3.98


84-197    STATION G         1050  16/06/84  TWO-BOAT TRAWL
------------------------------------------------------------------------
   STICKLE
   5//0
------------------------------------------------------------------------


84-198    STATION F         1125  16/06/84  TWO-BOAT TRAWL
------------------------------------------------------------------------
   STICKLE
   295//0
------------------------------------------------------------------------


84-199    STATION K         1155  16/06/84  TWO-BOAT TRAWL
------------------------------------------------------------------------
   CHUM        STICKLE
   1//1        357//0
------------------------------------------------------------------------


                          CHUM SALMON
          NO.         LENGTH   WEIGHT
           1       F    78       4.54


84-200    STATION L         1230  16/06/84  TWO-BOAT TRAWL
------------------------------------------------------------------------
   CHUM        STICKLE
   1//1        97//0
------------------------------------------------------------------------


                          CHUM SALMON
          NO.         LENGTH   WEIGHT
           1       F    99       9.79
```

84-201 STATION M 1255 16/06/84 TWO-BOAT TRAWL

SOCKEYE	CHUM	STICKLE
1//1	2//2	9//0

SOCKEYE SALMON

NO.		LENGTH	WEIGHT
1	F	103	9.32

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	83	6.03	2	F	92	7.42

84-202 STATION D 1330 16/06/84 TWO-BOAT TRAWL

STICKLE
2//0

84-203 STATION E 1405 16/06/84 TWO-BOAT TRAWL

SOCKEYE	CHUM	COHO
60//60	11//11	1//1

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	101	9.50	2	F	79	4.94
3	F	107	11.68	4	F	110	12.65
5	F	106	11.37	6	F	103	10.33
7	F	101	9.92	8	F	92	7.72
9	F	99	9.57	10	F	103	11.38
11	F	98	8.86	12	F	95	7.84
13	F	94	7.68	14	F	96	7.84
15	F	98	9.23	16	F	103	9.89
17	F	105	10.59	18	F	106	10.53
19	F	103	10.60	20	F	105	11.12
21	F	104	11.48	22	F	102	10.31
23	F	103	9.97	24	F	103	10.58
25	F	103	11.54	26	F	91	7.26
27	F	98	9.83	28	F	100	10.04

29	F	95	7.78	30	F	103	12.29
31	F	101	10.75	32	F	98	9.19
33	F	95	8.97	34	F	100	10.74
35	F	94	8.08	36	F	93	9.00
37	F	101	10.08	38	F	107	12.25
39	F	91	7.42	40	F	95	8.41
41	F	106	12.65	42	F	104	11.97
43	F	99	9.72	44	F	98	10.02
45	F	104	11.59	46	F	103	9.84
47	F	96	8.92	48	F	84	5.74
49	F	91	7.23	50	F	103	10.80
51	F	101	9.79	52	F	99	8.77
53	F	100	9.86	54	F	97	8.48
55	F	101	9.06	56	F	79	5.47
57	F	104	10.53	58	F	100	9.51
59	F	85	6.15	60	F	89	6.68

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	91	7.83	2	F	104	10.75
3	F	80	4.79	4	F	95	8.22
5	F	80	4.94	6	F	101	10.32
7	F	102	10.68	8	F	91	7.34
9	F	86	6.52	10	F	89	7.49
11	F	82	5.69				

COHO SALMON

NO.		LENGTH	WEIGHT
1	F	102	11.48

84-204 STATION C 1450 16/06/84 TWO-BOAT TRAWL

CHUM
2//0

84-205 STATION N 1520 16/06/84 TWO-BOAT TRAWL

SOCKEYE	STICKLE
2//2	1//0

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	95	8.45	2	F	111	13.50

```
84-206   STATION O        1545  16/06/84  TWO-BOAT TRAWL
---------------------------------------------------------------------
   SOCKEYE    STICKLE
   2//2       6//0
---------------------------------------------------------------------


                         SOCKEYE SALMON
         NO.        LENGTH   WEIGHT      NO.        LENGTH     WEIGHT
          1       F  104       10.62      2       F  114        13.98


84-207   STATION P        1620  16/06/84  TWO-BOAT TRAWL
---------------------------------------------------------------------
   SOCKEYE    CHUM        COHO        STICKLE
   1//1       21//21      3//3        15//0
---------------------------------------------------------------------


                         SOCKEYE SALMON
         NO.        LENGTH   WEIGHT
          1       F   87        6.62

                         CHUM SALMON
         NO.        LENGTH   WEIGHT      NO.        LENGTH     WEIGHT
          1       F   96        8.04      2       F   98         9.38
          3       F   92        6.90      4       F   66         2.71
          5       F   92        7.80      6       F   65         2.64
          7       F   94        7.65      8       F   94         8.04
          9       F   77        4.59     10       F   71         3.54
         11       F   68        3.30     12       F   95         7.75
         13       F   75        3.97     14       F   87         6.36
         15       F   67        3.06     16       F   70         3.35
         17       F   70        3.46     18       F   65         3.16
         19       F   69        3.33     20       F   62         2.31
         21       F   63        2.33

                         COHO SALMON
         NO.        LENGTH   WEIGHT      NO.        LENGTH     WEIGHT
          1       F  124       21.16      2       F  112        14.71
          3       F   67        3.77
```

84-208 STATION A 1655 16/06/84 TWO-BOAT TRAWL

CHUM	STICKLE
7//7	3//0

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	65	2.54	2	F	90	7.12
3	F	67	3.01	4	F	73	3.71
5	F	69	3.32	6	F	69	3.22
7	F	68	3.13				

84-229 STATION J 0850 22/06/84 TWO-BOAT TRAWL

CHUM	STICKLE
9//9	28//28

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	72	N/A	2	F	67	N/A
3	F	72	N/A	4	F	60	N/A
5	F	67	N/A	6	F	70	N/A
7	F	71	N/A	8	F	71	N/A
9	F	N/A	N/A				

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	57	N/A	2	F	63	N/A
3	F	66	N/A	4	F	60	N/A
5	F	60	N/A	6	F	60	N/A
7	F	68	N/A	8	F	69	N/A
9	F	65	N/A	10	F	69	N/A
11	F	65	N/A	12	F	65	N/A
13	F	70	N/A	14	F	63	N/A
15	F	58	N/A	16	F	60	N/A
17	F	66	N/A	18	F	52	N/A
19	F	52	N/A	20	F	67	N/A
21	F	61	N/A	22	F	68	N/A
23	F	66	N/A	24	F	64	N/A
25	F	55	N/A	26	F	59	N/A
27	F	65	N/A	28		N/A	N/A

84-230 STATION I 0913 22/06/84 TWO-BOAT TRAWL

CHUM	STICKLE
10//10	329//0

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	61	N/A	2	F	84	N/A
3	F	80	N/A	4	F	74	N/A
5	F	82	N/A	6	F	75	N/A
7	F	80	N/A	8	F	69	N/A
9	F	76	N/A	10	F	67	N/A

84-231 STATION H 0947 22/06/84 TWO-BOAT TRAWL

CHUM	STICKLE
11//11	133//0

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	84	N/A	2	F	80	N/A
3	F	93	N/A	4	F	82	N/A
5	F	79	N/A	6	F	82	N/A
7	F	76	N/A	8	F	76	N/A
9	F	77	N/A	10	F	77	N/A
11	F	73	N/A				

84-232 STATION G 1040 22/06/84 TWO-BOAT TRAWL

CHUM	STICKLE
22//22	62//0

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	82	N/A	2	F	80	N/A
3	F	72	N/A	4	F	80	N/A
5	F	77	N/A	6	F	77	N/A
7	F	85	N/A	8	F	84	N/A
9	F	78	N/A	10	F	77	N/A
11	F	59	N/A	12	F	76	N/A
13	F	74	N/A	14	F	79	N/A
15	F	86	N/A	16	F	79	N/A
17	F	83	N/A	18	F	83	N/A
19	F	79	N/A	20	F	79	N/A
21	F	79	N/A	22	F	75	N/A

84-233 STATION F 1130 22/06/84 TWO-BOAT TRAWL

CHUM	STICKLE
22//0	11//11

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	58	N/A	2	F	57	N/A
3	F	55	N/A	4	F	62	N/A
5	F	53	N/A	6	F	64	N/A
7	F	62	N/A	8	F	63	N/A
9	F	63	N/A	10	F	59	N/A
11	F	62	N/A				

84-234 STATION A 0745 28/06/84 TWO-BOAT TRAWL

CHUM	STICKLE
49//49	70//0

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	90	7.11	2	F	83	5.63
3	F	84	5.55	4	F	85	5.89
5	F	82	5.45	6	F	77	4.40
7	F	90	6.36	8	F	71	3.45
9	F	85	5.65	10	F	84	5.67
11	F	83	5.47	12	F	65	2.88
13	F	77	4.48	14	F	82	5.16
15	F	78	4.71	16	F	82	5.26
17	F	94	7.65	18	F	78	5.02
19	F	85	5.95	20	F	66	2.91
21	F	81	4.94	22	F	89	6.84
23	F	76	4.20	24	F	70	3.39
25	F	81	4.99	26	F	83	5.82
27	F	84	5.39	28	F	74	3.85
29	F	78	4.44	30	F	88	6.11
31	F	83	5.66	32	F	92	7.06
33	F	83	5.54	34	F	81	5.19
35	F	84	5.19	36	F	83	5.54
37	F	87	6.71	38	F	83	5.39
39	F	81	5.23	40	F	71	3.62
41	F	89	6.07	42	F	84	5.28
43	F	84	5.54	44	F	72	3.85

45	F	92	7.44	46	F	82	5.96
47	F	85	5.68	48	F	84	5.31
49	F	78	4.67				

84-235 STATION P 0815 28/06/84 TWO-BOAT TRAWL

CHUM	STICKLE
26//26	3//0

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	89	6.83	2	F	85	5.79
3	F	98	8.85	4	F	87	6.48
5	F	84	6.01	6	F	84	5.77
7	F	87	6.01	8	F	91	7.41
9	F	82	5.30	10	F	88	7.04
11	F	86	6.14	12	F	89	6.34
13	F	77	4.84	14	F	93	7.39
15	F	89	6.84	16	F	88	6.40
17	F	87	6.43	18	F	91	7.21
19	F	90	6.66	20	F	79	5.13
21	F	84	5.32	22	F	83	5.11
23	F	95	8.19	24	F	84	5.42
25	F	90	7.32	26	F	86	6.43

84-236 STATION N 0853 28/06/84 TWO-BOAT TRAWL

CHUM
4//4

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	96	9.19	2	F	95	8.63
3	F	93	7.76	4	F	99	9.20

84-237 STATION C 0935 28/06/84 TWO-BOAT TRAWL

SOCKEYE	CHUM
1//1	10//10

```
                    SOCKEYE SALMON
     NO.       LENGTH   WEIGHT
      1      F  108       11.71


                    CHUM SALMON
     NO.       LENGTH   WEIGHT      NO.        LENGTH     WEIGHT
      1      F   88        7.08       2      F    93         7.74
      3      F   94        7.03       4      F    80         5.08
      5      F   79        4.92       6      F   104        11.51
      7      F   99        9.85       8      F    88         5.42
      9      F   93        7.15      10      F   100         9.61



84-238   STATION E        1025  28/06/84  TWO-BOAT TRAWL
---------------------------------------------------------------------
   CHUM        COHO
   1//1        1//1
---------------------------------------------------------------------


                    CHUM SALMON
     NO.       LENGTH   WEIGHT
      1      F   85        5.59

                    COHO SALMON
     NO.       LENGTH   WEIGHT
      1      F  117       18.09



84-239   STATION D        1105  28/06/84  TWO-BOAT TRAWL
---------------------------------------------------------------------
   CHUM        STICKLE
   1//1        2//0
---------------------------------------------------------------------


                    CHUM SALMON
     NO.       LENGTH   WEIGHT
      1      F  106       11.82
```

84-240 STATION M 1135 28/06/84 TWO-BOAT TRAWL

CHUM	STICKLE	BAYPIPE
16//16	22//0	1//0

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	95	8.90	2	F	75	4.36
3	F	92	8.37	4	F	90	6.97
5	F	93	8.06	6	F	92	8.24
7	F	89	7.13	8	F	91	7.73
9	F	79	5.39	10	F	79	5.14
11	F	92	7.58	12	F	95	8.30
13	F	91	8.02	14	F	90	7.08
15	F	96	8.54	16	F	77	5.02

84-241 STATION L 1215 28/06/84 TWO-BOAT TRAWL

CHUM	STICKLE
33//33	12//0

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	90	7.78	2	F	86	6.43
3	F	89	7.25	4	F	87	6.58
5	F	82	5.87	6	F	82	6.04
7	F	83	5.37	8	F	84	6.21
9	F	82	5.50	10	F	90	7.44
11	F	86	6.36	12	F	76	5.07
13	F	90	7.17	14	F	94	8.15
15	F	87	6.93	16	F	87	6.56
17	F	94	7.71	18	F	87	6.95
19	F	86	6.45	20	F	85	5.91
21	F	80	5.17	22	F	93	7.61
23	F	93	8.26	24	F	91	7.69
25	F	88	6.27	26	F	82	5.74
27	F	85	6.28	28	F	86	6.24
29	F	97	8.81	30	F	90	7.01
31	F	94	8.92	32	F	76	4.54
33	F	106	13.13				

84-242 STATION K 1245 28/06/84 TWO-BOAT TRAWL

CHUM	STICKLE	HERRING
125//125	21//0	5//5

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	74	4.03	2	F	91	7.34
3	F	90	7.11	4	F	75	4.20
5	F	74	3.93	6	F	81	5.00
7	F	85	5.81	8	F	81	5.09
9	F	81	4.86	10	F	90	7.03
11	F	80	4.76	12	F	82	5.27
13	F	79	5.04	14	F	82	5.42
15	F	81	5.28	16	F	82	5.58
17	F	85	5.90	18	F	98	9.26
19	F	84	5.82	20	F	78	4.28
21	F	84	5.24	22	F	77	4.73
23	F	87	6.34	24	F	74	3.89
25	F	80	4.94	26	F	79	4.80
27	F	80	5.26	28	F	80	5.29
29	F	73	3.80	30	F	83	5.20
31	F	76	4.36	32	F	81	5.29
33	F	77	4.23	34	F	83	5.61
35	F	92	8.06	36	F	76	4.03
37	F	75	4.00	38	F	83	5.94
39	F	78	4.83	40	F	78	4.19
41	F	71	3.53	42	F	78	4.24
43	F	83	5.76	44	F	79	4.96
45	F	73	3.77	46	F	78	4.73
47	F	74	3.90	48	F	72	3.64
49	F	80	4.45	50	F	89	7.09
51	F	79	4.48	52	F	80	4.57
53	F	79	4.73	54	F	83	5.52
55	F	80	5.10	56	F	83	5.74
57	F	78	4.78	58	F	83	5.66
59	F	80	4.92	60	F	83	5.64
61	F	65	2.71	62	F	73	3.79
63	F	85	5.75	64	F	82	4.77
65	F	79	4.76	66	F	83	5.23
67	F	83	5.38	68	F	77	4.52
69	F	77	4.58	70	F	84	5.54
71	F	80	4.81	72	F	78	4.75
73	F	77	4.41	74	F	76	3.95
75	F	77	4.48	76	F	79	4.60
77	F	77	4.37	78	F	85	6.19
79	F	75	4.01	80	F	74	4.04
81	F	76	4.03	82	F	93	7.50
83	F	82	5.05	84	F	76	4.58
85	F	78	4.48	86	F	97	9.38
87	F	81	5.50	88	F	83	6.06
89	F	82	5.45	90	F	76	4.39
91	F	78	4.58	92	F	81	4.89
93	F	80	5.08	94	F	88	6.26
95	F	86	5.94	96	F	81	4.81
97	F	83	5.65	98	F	81	5.14
99	F	76	4.28	100	F	83	6.03
101	F	82	5.36	102	F	77	5.04
103	F	76	4.43	104	F	83	5.52

105	F	101	10.05	106	F	81	5.36
107	F	72	3.69	108	F	83	5.80
109	F	80	4.74	110	F	83	5.55
111	F	78	4.39	112	F	75	4.32
113	F	83	5.45	114	F	77	4.67
115	F	81	5.03	116	F	86	6.08
117	F	83	5.47	118	F	79	4.87
119	F	82	5.17	120	F	77	4.58
121	F	84	5.28	122	F	85	6.37
123	F	76	4.11	124	F	83	5.15
125	F	80	4.72				

PACIFIC HERRING

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	98	9.27	2	F	101	9.56
3	F	77	2.86	4	F	100	9.33
5	F	101	9.32				

84-243 STATION F 1315 28/06/84 TWO-BOAT TRAWL

CHUM	STICKLE
88//58	47//0

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	90	7.13	2	F	85	5.99
3	F	90	6.98	4	F	80	5.06
5	F	95	8.23	6	F	86	6.25
7	F	74	3.91	8	F	79	4.81
9	F	77	4.60	10	F	74	4.08
11	F	87	6.60	12	F	88	6.92
13	F	103	10.72	14	F	87	6.50
15	F	73	3.98	16	F	78	4.96
17	F	84	5.89	18	F	78	4.84
19	F	82	5.38	20	F	74	3.96
21	F	84	5.70	22	F	77	4.34
23	F	82	5.66	24	F	91	7.75
25	F	82	5.49	26	F	72	3.56
27	F	87	6.18	28	F	86	6.34
29	F	80	5.44	30	F	83	5.77
31	F	84	6.21	32	F	85	6.33
33	F	85	6.76	34	F	81	5.61
35	F	91	7.47	36	F	97	8.98
37	F	83	5.90	38	F	82	5.41
39	F	93	8.21	40	F	87	6.52
41	F	78	4.47	42	F	86	6.23
43	F	89	7.52	44	F	76	4.67
45	F	78	4.79	46	F	88	7.13

47	F	80	4.69	48	F	92	7.99
49	F	77	4.38	50	F	80	5.31
51	F	86	5.89	52	F	96	8.09
53	F	81	5.48	54	F	91	7.75
55	F	86	5.99	56	F	79	5.12
57	F	74	4.44	58	F	79	4.54

84-244 STATION G 1345 28/06/84 TWO-BOAT TRAWL

CHUM	STICKLE
3//3	65//0

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	72	3.70	2	F	80	5.44
3	F	77	4.53				

84-245 STATION H 1415 28/06/84 TWO-BOAT TRAWL

CHUM	STICKLE
93//93	158//0

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	80	5.70	2	F	81	4.84
3	F	80	4.95	4	F	80	4.97
5	F	82	5.48	6	F	75	3.69
7	F	77	4.65	8	F	81	5.18
9	F	76	4.52	10	F	91	7.14
11	F	76	4.63	12	F	74	4.25
13	F	75	4.45	14	F	79	4.88
15	F	86	6.30	16	F	80	4.84
17	F	75	4.08	18	F	77	4.73
19	F	74	3.84	20	F	84	6.02
21	F	78	4.62	22	F	72	3.88
23	F	74	3.86	24	F	84	5.48
25	F	80	4.98	26	F	87	6.26
27	F	82	5.42	28	F	76	4.11
29	F	61	2.52	30	F	74	4.40
31	F	77	4.75	32	F	75	3.98
33	F	75	4.40	34	F	79	5.14
35	F	77	4.49	36	F	73	3.64
37	F	78	4.62	38	F	77	4.80

39	F	77	4.35	40	F	82	5.90
41	F	79	5.13	42	F	78	5.10
43	F	80	5.42	44	F	94	8.57
45	F	77	4.70	46	F	77	4.92
47	F	74	3.99	48	F	77	4.43
49	F	83	6.00	50	F	84	6.00
51	F	77	4.28	52	F	80	4.94
53	F	85	6.31	54	F	72	3.53
55	F	74	4.44	56	F	80	5.11
57	F	75	3.98	58	F	88	6.69
59	F	82	5.61	60	F	78	4.66
61	F	79	5.01	62	F	82	6.03
63	F	79	5.51	64	F	86	6.87
65	F	80	5.14	66	F	74	3.92
67	F	78	4.63	68	F	83	5.69
69	F	84	6.12	70	F	80	5.40
71	F	72	3.87	72	F	78	4.85
73	F	69	3.54	74	F	60	2.04
75	F	78	4.81	76	F	79	4.95
77	F	84	5.43	78	F	80	5.13
79	F	77	5.09	80	F	89	6.52
81	F	71	3.85	82	F	93	7.74
83	F	78	4.67	84	F	76	4.61
85	F	79	4.75	86	F	79	5.00
87	F	71	3.46	88	F	70	3.66
89	F	77	4.52	90	F	77	4.43
91	F	78	4.80	92	F	79	4.85
93	F	74	4.06				

84-246 STATION I 1455 28/06/84 TWO-BOAT TRAWL

CHUM	STICKLE
84//84	26//0

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	79	5.47	2	F	76	4.22
3	F	76	4.18	4	F	81	5.66
5	F	80	5.43	6	F	74	3.97
7	F	72	3.89	8	F	78	5.00
9	F	84	5.96	10	F	88	6.66
11	F	74	4.22	12	F	83	6.08
13	F	83	5.69	14	F	77	4.71
15	F	78	4.69	16	F	85	5.94
17	F	81	4.88	18	F	72	3.77
19	F	73	4.00	20	F	80	4.94
21	F	80	5.10	22	F	73	4.45
23	F	83	5.91	24	F	75	4.09
25	F	81	5.35	26	F	70	3.60

27	F	76	4.68	28	F	72	3.48
29	F	82	6.23	30	F	78	5.25
31	F	82	5.17	32	F	77	4.62
33	F	97	9.70	34	F	75	4.32
35	F	85	6.21	36	F	77	4.79
37	F	78	5.05	38	F	71	3.55
39	F	78	4.99	40	F	72	3.63
41	F	67	3.39	42	F	76	4.40
43	F	83	5.70	44	F	75	4.25
45	F	75	4.21	46	F	76	4.24
47	F	79	4.71	48	F	75	4.25
49	F	77	4.49	50	F	73	4.08
51	F	76	4.31	52	F	85	6.10
53	F	74	3.94	54	F	74	4.26
55	F	77	5.05	56	F	77	4.81
57	F	72	3.75	58	F	79	5.19
59	F	74	4.57	60	F	78	4.74
61	F	83	5.46	62	F	77	4.39
63	F	83	6.00	64	F	81	5.44
65	F	78	5.03	66	F	78	4.89
67	F	76	4.22	68	F	79	5.29
69	F	81	5.55	70	F	68	3.00
71	F	92	7.58	72	F	83	5.57
73	F	79	5.12	74	F	77	4.42
75	F	82	5.79	76	F	74	4.40
77	F	81	5.30	78	F	80	5.14
79	F	82	5.85	80	F	80	5.08
81	F	85	6.44	82	F	73	4.33
83	F	76	4.45	84	F	72	3.81

84-247 STATION J 1525 28/06/84 TWO-BOAT TRAWL

CHUM	STICKLE
68//38	119//0

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	73	3.74	2	F	69	3.26
3	F	72	3.69	4	F	81	5.45
5	F	86	6.03	6	F	79	5.08
7	F	69	3.40	8	F	66	3.03
9	F	73	4.06	10	F	77	4.47
11	F	76	4.32	12	F	60	2.29
13	F	67	3.10	14	F	72	3.58
15	F	70	3.44	16	F	72	3.57
17	F	73	3.47	18	F	71	3.83
19	F	68	3.04	20	F	63	2.57
21	F	72	3.88	22	F	70	3.67
23	F	67	3.36	24	F	83	5.38

25	F	69	3.49	26	F	72	3.78
27	F	76	4.65	28	F	77	4.54
29	F	70	3.68	30	F	64	2.60
31	F	73	3.80	32	F	65	2.74
33	F	68	3.14	34	F	76	4.43
35	F	69	3.28	36	F	74	3.59
37	F	75	4.49	38	F	79	4.66

1985 TWO-BOAT TRAWL CATCHES

```
85-098   STATION A       0915  28/04/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   PINK       STICKLE
   1//0       1//0
----------------------------------------------------------------------


85-099   STATION P       1005  28/04/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   SOCKEYE    STICKLE
   1//0       1//0
----------------------------------------------------------------------


85-100   STATION O       1040  28/04/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   STICKLE    SANDLANCE
   4//0       30//0
----------------------------------------------------------------------


85-101   STATION B       1110  28/04/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   STICKLE    FLATFISH
   3//0       1//0
----------------------------------------------------------------------


85-102   STATION D       1150  28/04/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   CHUM       STICKLE    SANDLANCE
   1//0       8//0       5//0
----------------------------------------------------------------------


85-103   STATION C       1220  28/04/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   SANDLANCE  HERRING
   4//0       1//0
----------------------------------------------------------------------
```

85-104 STATION F 1300 28/04/85 TWO-BOAT TRAWL

NO CATCH

85-105 STATION M 1405 28/04/85 TWO-BOAT TRAWL

NO CATCH

85-106 STATION L 1435 28/04/85 TWO-BOAT TRAWL

PINK	CHUM	STICKLE	SANDLANCE	HERRING
8//8	1//1	5//5	10//0	186//52

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	40	N/A	2	F	40	N/A
3	F	32	N/A	4	F	35	N/A
5	F	35	N/A	6	F	35	N/A
7	F	36	N/A	8	F	38	N/A

CHUM SALMON

NO.		LENGTH	WEIGHT
1	F	41	N/A

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	60	N/A	2	F	49	N/A
3	F	41	N/A	4	F	45	N/A
5	F	37	N/A				

PACIFIC HERRING

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	64	N/A	2	F	75	N/A
3	F	67	N/A	4	F	70	N/A
5	F	73	N/A	6	F	57	N/A
7	F	80	N/A	8	F	64	N/A
9	F	63	N/A	10	F	75	N/A
11	F	63	N/A	12	F	56	N/A
13	F	61	N/A	14	F	58	N/A

15	F	58	N/A	16	F	53	N/A
17	F	55	N/A	18	F	58	N/A
19	F	62	N/A	20	F	62	N/A
21	F	51	N/A	22	F	63	N/A
23	F	59	N/A	24	F	62	N/A
25	F	62	N/A	26	F	58	N/A
27	F	65	N/A	28	F	62	N/A
29	F	71	N/A	30	F	62	N/A
31	F	60	N/A	32	[illegible]	60	N/A
33	F	62	N/A	34	F	63	N/A
35	F	68	N/A	36	F	66	N/A
37	F	54	N/A	38	F	50	N/A
39	F	64	N/A	40	F	55	N/A
41	F	68	N/A	42	F	59	N/A
43	F	65	N/A	44	F	64	N/A
45	F	63	N/A	46	F	58	N/A
47	F	66	N/A	48	F	62	N/A
49	F	56	N/A	50	F	55	N/A
51	F	66	N/A	52	F	N/A	N/A

```
85-107   STATION K        1515  28/04/85  TWO-BOAT TRAWL
-------------------------------------------------------------------
  HERRING
  300//0
-------------------------------------------------------------------


85-108   STATION I        1555  28/04/85  TWO-BOAT TRAWL
-------------------------------------------------------------------
  PINK        STICKLE     HERRING
  4//0        2//0        10//0
-------------------------------------------------------------------


85-164   STATION A        0815  16/05/85  TWO-BOAT TRAWL
-------------------------------------------------------------------
  STICKLE
  1//0
-------------------------------------------------------------------


85-165   STATION P        0850  16/05/85  TWO-BOAT TRAWL
-------------------------------------------------------------------
  NO CATCH
-------------------------------------------------------------------
```

```
85-166   STATION O       0925  16/05/85  TWO-BOAT TRAWL
--------------------------------------------------------------------
   STICKLE    SANDLANCE
   2//0       3//0
--------------------------------------------------------------------


85-167   STATION B       1000  16/05/85  TWO-BOAT TRAWL
--------------------------------------------------------------------
   STICKLE    SANDLANCE  LARVAL FISH
   1//0       15//0      2//0
--------------------------------------------------------------------


85-168   STATION D       1020  16/05/85  TWO-BOAT TRAWL
--------------------------------------------------------------------
   SANDLANCE
   20//0
--------------------------------------------------------------------


85-169   STATION C       1111  16/05/85  TWO-BOAT TRAWL
--------------------------------------------------------------------
   CHUM       STICKLE    SANDLANCE
   1//0       2//0       20//0
--------------------------------------------------------------------


85-170   STATION F       1155  16/05/85  TWO-BOAT TRAWL
--------------------------------------------------------------------
   STICKLE
   2//0
--------------------------------------------------------------------


85-171   STATION E       1220  16/05/85  TWO-BOAT TRAWL
--------------------------------------------------------------------
   COHO       STICKLE    HERRING
   1//1       2//0       9//0
--------------------------------------------------------------------


                        COHO SALMON
          NO.       LENGTH   WEIGHT
           1      F  120       17.36
```

```
85-172   STATION N        1300  16/05/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   STICKLE     HERRING
   4//0        14//0
----------------------------------------------------------------------


85-173   STATION M        1337  16/05/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   COHO        HERRING
   1//1        75//0
----------------------------------------------------------------------

                          COHO SALMON
          NO.        LENGTH   WEIGHT
           1       F  154       35.90


85-174   STATION L        1411  16/05/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   SOCKEYE     PINK        COHO        STICKLE     HERRING
   29//29      8//8        1//1        4//0        13//0
----------------------------------------------------------------------

                          SOCKEYE SALMON
          NO.        LENGTH   WEIGHT      NO.        LENGTH     WEIGHT
           1       F   82       5.07       2       F   91         7.99
           3       F   81       5.31       4       F   93         7.98
           5       F   89       7.54       6       F   73         4.08
           7       F   92       7.94       8       F   81         5.37
           9       F   88       6.57      10       F   79         4.89
          11       F   82       5.39      12       F   85         6.09
          13       F   85       5.42      14       F   79         4.79
          15       F   81       5.25      16       F   79         4.80
          17       F   80       5.58      18       F   69         3.09
          19       F   79       4.55      20       F   74         4.06
          21       F   79       4.98      22       F   76         4.78
          23       F   84       6.05      24       F   80         4.87
          25       F   77       4.49      26       F   89         7.00
          27       F   94       7.74      28       F   75         4.32
          29       F   78       4.70

                          PINK SALMON
          NO.        LENGTH   WEIGHT      NO.        LENGTH     WEIGHT
           1       F   42       0.64       2       F   42         0.59
           3       F   41       0.54       4       F   43         0.59
```

```
                 5      F   41       0.55     6      F   44        0.61
                 7      F   39       0.43     8      F   39        0.43


                                  COHO SALMON
                NO.        LENGTH   WEIGHT
                 1      F  102      11.63


85-175   STATION K       1452  16/05/85  TWO-BOAT TRAWL
-----------------------------------------------------------------------
   PINK         COHO         STICKLE     HERRING
   5//5         1//1         1//0        3//0
-----------------------------------------------------------------------


                                  PINK SALMON
                NO.        LENGTH   WEIGHT       NO.        LENGTH     WEIGHT
                 1      F   41       0.54     2      F   40        0.47
                 3      F   50       1.10     4      F   48        0.95
                 5      F   41       0.62


                                  COHO SALMON
                NO.        LENGTH   WEIGHT
                 1      F   97       9.32


85-176   STATION J       1536  16/05/85  TWO-BOAT TRAWL
-----------------------------------------------------------------------
   SOCKEYE      COHO         STICKLE     HERRING
   4//4         3//3         2//0        4//0
-----------------------------------------------------------------------


                                  SOCKEYE SALMON
                NO.        LENGTH   WEIGHT       NO.        LENGTH     WEIGHT
                 1      F   76       4.11     2      F   77        4.56
                 3      F   84       5.51     4      F   80        5.59

                                  COHO SALMON
                NO.        LENGTH   WEIGHT       NO.        LENGTH     WEIGHT
                 1      F   96      10.15     2      F   80        5.39
                 3      F   76       4.40
```

```
85-177   STATION I        1624  16/05/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   PINK        COHO        STICKLE     HERRING
   3//2        1//0        3//0        112//0
----------------------------------------------------------------------


                           PINK SALMON
            NO.        LENGTH   WEIGHT      NO.        LENGTH    WEIGHT
             1      F   38        0.46       2      F   39        0.46


85-178   STATION H        1654  16/05/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   STICKLE     HERRING
   5//0        34//0
----------------------------------------------------------------------


85-179   STATION G        1734  16/05/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   PINK        COHO        STICKLE     HERRING
   3//3        2//2        3//0        32//0
----------------------------------------------------------------------


                           PINK SALMON
            NO.        LENGTH   WEIGHT      NO.        LENGTH    WEIGHT
             1      F   44        0.75       2      F   42        0.60
             3      F   42        0.64

                           COHO SALMON
            NO.        LENGTH   WEIGHT      NO.        LENGTH    WEIGHT
             1      F   74        4.33       2      F   81        5.24


85-200   STATION A        0900  24/05/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   SOCKEYE
   1//0
----------------------------------------------------------------------
```

```
85-201   STATION P       0935  24/05/85  TWO-BOAT TRAWL
---------------------------------------------------------------------
   SOCKEYE     PINK
   8//0        1//0
---------------------------------------------------------------------


85-202   STATION O       1007  24/05/85  TWO-BOAT TRAWL
---------------------------------------------------------------------
   SOCKEYE
   1//0
---------------------------------------------------------------------


85-203   STATION B       1035  24/05/85  TWO-BOAT TRAWL
---------------------------------------------------------------------
   COHO
   2//2
---------------------------------------------------------------------


                         COHO SALMON
          NO.        LENGTH   WEIGHT     NO.        LENGTH     WEIGHT
           1          115       N/A       2          125         N/A


85-204   STATION D       1110  24/05/85  TWO-BOAT TRAWL
---------------------------------------------------------------------
   SOCKEYE     PINK        COHO        STICKLE
   2//0        1//0        3//3        1//0
---------------------------------------------------------------------


                         COHO SALMON
          NO.        LENGTH   WEIGHT     NO.        LENGTH     WEIGHT
           1      N  104        N/A       2      N  105          N/A
           3      N  117        N/A


85-205   STATION C       1140  24/05/85  TWO-BOAT TRAWL
---------------------------------------------------------------------
   COHO
   1//1
---------------------------------------------------------------------
```

```
                         COHO SALMON
          NO.        LENGTH   WEIGHT
           1      N   95        N/A


85-206   STATION F        1220  24/05/85  TWO-BOAT TRAWL
-----------------------------------------------------------------------
   SOCKEYE    COHO        STICKLE
   3//0       6//6        1//0
-----------------------------------------------------------------------

                         COHO SALMON
          NO.        LENGTH   WEIGHT      NO.        LENGTH     WEIGHT
           1      N  125        N/A        2      N  129          N/A
           3      N  130        N/A        4      N  132          N/A
           5      N  152        N/A        6      N  153          N/A


85-207   STATION E        1300  24/05/85  TWO-BOAT TRAWL
-----------------------------------------------------------------------
   NO CATCH
-----------------------------------------------------------------------


85-208   STATION N        1339  24/05/85  TWO-BOAT TRAWL
-----------------------------------------------------------------------
   SOCKEYE    STICKLE
   1//0       1//0
-----------------------------------------------------------------------


85-209   STATION M        1415  24/05/85  TWO-BOAT TRAWL
-----------------------------------------------------------------------
   COHO       STICKLE
   3//3       2//0
-----------------------------------------------------------------------

                         COHO SALMON
          NO.        LENGTH   WEIGHT      NO.        LENGTH     WEIGHT
           1      N  110        N/A        2      N  115          N/A
           3      N  123        N/A
```

85-210 STATION L 1445 24/05/85 TWO-BOAT TRAWL

PINK
2//0

85-211 STATION K 1530 24/05/85 TWO-BOAT TRAWL

SOCKEYE	PINK
1//0	40//10

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	57	1.56	2	F	54	1.37
3	F	51	1.13	4	F	48	0.99
5	F	50	1.01	6	F	52	1.09
7	F	51	1.11	8	F	46	0.65
9	F	50	1.04	10	F	48	0.96

85-212 STATION J 1610 24/05/85 TWO-BOAT TRAWL

SOCKEYE	PINK
6//0	7//0

85-213 STATION I 1644 24/05/85 TWO-BOAT TRAWL

PINK	STICKLE
4//0	2//0

85-214 STATION H 1715 24/05/85 TWO-BOAT TRAWL

COHO	HERRING	DOGFISH
1//1	7//0	1//0

COHO SALMON

NO.		LENGTH	WEIGHT
1	N	125	N/A

```
85-215   STATION G        1745  24/05/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   SOCKEYE    PINK       COHO       HERRING
   3//0       5//0       5//5       1//0
----------------------------------------------------------------------


                          COHO SALMON
              NO.        LENGTH   WEIGHT      NO.        LENGTH    WEIGHT
               1       N  100       N/A        2       N  100        N/A
               3       N  101       N/A        4       N  112        N/A
               5       N  132       N/A


85-258   STATION A        0815  04/06/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   STICKLE
   3//0
----------------------------------------------------------------------


85-259   STATION P        0855  04/06/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   STICKLE
   7//0
----------------------------------------------------------------------


85-260   STATION O        0930  04/06/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   NO CATCH
----------------------------------------------------------------------


85-261   STATION B        0955  04/06/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   SOCKEYE    STICKLE
   1//0       1//0
----------------------------------------------------------------------


85-262   STATION D        1035  04/06/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   NO CATCH
----------------------------------------------------------------------
```

```
85-263   STATION C        1105  04/06/85  TWO-BOAT TRAWL
-------------------------------------------------------------------
   NO CATCH
-------------------------------------------------------------------


85-264   STATION F        1150  04/06/85  TWO-BOAT TRAWL
-------------------------------------------------------------------
   NO CATCH
-------------------------------------------------------------------


85-265   STATION E        1220  04/06/85  TWO-BOAT TRAWL
-------------------------------------------------------------------
   NO CATCH
-------------------------------------------------------------------


85-266   STATION N        1250  04/06/85  TWO-BOAT TRAWL
-------------------------------------------------------------------
   NO CATCH
-------------------------------------------------------------------


85-267   STATION M        1330  04/06/85  TWO-BOAT TRAWL
-------------------------------------------------------------------
   NO CATCH
-------------------------------------------------------------------


85-268   STATION L        1410  04/06/85  TWO-BOAT TRAWL
-------------------------------------------------------------------
   PINK       COHO
   10//0      4//4
-------------------------------------------------------------------

                        COHO SALMON
         NO.       LENGTH  WEIGHT      NO.       LENGTH    WEIGHT
          1      N  110      N/A        2      N  122        N/A
          3      N  125      N/A        4      N  128        N/A
```

85-269 STATION K 1455 04/06/85 TWO-BOAT TRAWL

NO CATCH

85-270 STATION J 1521 04/06/85 TWO-BOAT TRAWL

PINK	COHO
71//59	1//1

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1	bm	F	54	1.39	2	bm	F	59	1.82
3	bm	F	50	0.99	4	bm	F	57	1.61
5	bm	F	53	1.13	6	bm	F	53	1.26
7	bm	F	55	1.48	8	bm	F	56	1.53
9		F	53	1.20	10		F	57	1.51
11		F	58	1.63	12		F	58	1.69
13		F	54	1.22	14		F	53	1.18
15		F	52	1.28	16		F	51	1.00
17		F	54	1.29	18		F	53	1.25
19		F	51	1.07	20		F	63	2.30
21		F	55	1.45	22		F	58	1.76
23		F	52	1.16	24		F	54	1.37
25		F	51	1.17	26		F	51	1.24
27		F	57	1.46	28		F	59	1.83
29		F	58	1.55	30		F	52	1.09
31		F	57	1.48	32		F	55	1.34
33		F	54	1.23	34		F	60	1.86
35		F	56	1.62	36		F	49	0.97
37		F	57	1.62	38		F	60	1.89
39		F	54	1.31	40		F	53	1.18
41		F	56	1.48	42		F	55	1.42
43		F	57	1.51	44		F	54	1.31
45		F	54	1.16	46		F	53	1.25
47		F	54	1.34	48		F	53	1.29
49		F	56	1.43	50		F	58	1.70
51		F	55	1.45	52		F	59	1.63
53		F	49	0.95	54		F	51	1.06
55		F	51	0.97	56		F	58	1.65
57		F	57	1.40	58		F	53	1.18
59		F	N/A	N/A					

COHO SALMON

NO.		LENGTH	WEIGHT
1	N	107	N/A

85-271 STATION I 1600 04/06/85 TWO-BOAT TRAWL

SOCKEYE	PINK
1//0	171//68

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1	bm	F	61	1.82	2	bm	F	54	1.29
3	bm	F	60	1.80	4	bm	F	59	1.69
5	bm	F	55	1.24	6	bm	F	52	1.14
7	bm	F	50	0.88	8	bm	F	57	1.44
9	bm	F	56	1.47	10	bm	F	55	1.34
11	bm	F	65	2.26	12	bm	F	59	1.63
13	bm	F	61	1.86	14	bm	F	54	1.30
15	bm	F	50	0.99	16	bm	F	58	1.66
17	bm	F	55	1.51	18	bm	F	59	1.59
19	bm	F	58	1.66	20		F	50	1.01
21		F	57	1.51	22		F	54	1.24
23		F	53	1.24	24		F	56	1.47
25		F	49	0.97	26		F	57	1.49
27		F	53	1.26	28		F	52	1.19
29		F	57	1.54	30		F	58	1.73
31		F	55	1.35	32		F	55	1.38
33		F	56	1.28	34		F	50	0.89
35		F	54	1.34	36		F	58	1.62
37		F	57	1.52	38		F	52	1.10
39		F	53	1.33	40		F	53	1.27
41		F	57	1.53	42		F	57	1.61
43		F	55	1.48	44		F	54	1.29
45		F	53	1.26	46		F	55	1.48
47		F	54	1.24	48		F	58	1.57
49		F	55	1.50	50		F	53	1.20
51		F	57	1.56	52		F	55	1.33
53		F	52	1.14	54		F	52	1.18
55		F	60	1.85	56		F	60	1.98
57		F	53	1.28	58		F	55	1.32
59		F	58	1.69	60		F	60	1.97
61		F	52	1.29	62		F	56	1.38
63		F	58	1.56	64		F	56	1.43
65		F	54	1.17	66		F	58	1.77
67		F	47	0.78	68		F	56	1.51

85-272 STATION H 1630 04/06/85 TWO-BOAT TRAWL

NO CATCH

85-273 STATION G 1700 04/06/85 TWO-BOAT TRAWL

SOCKEYE	COHO	STICKLE
7//0	3//3	2//0

COHO SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	95	N/A	2	N	99	N/A
3	N	107	N/A				

85-322 STATION A 0829 14/06/85 TWO-BOAT TRAWL

PINK	STICKLE
25//25	1//0

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1	bm	F	54	1.83	2	bm	F	68	2.67
3	bm	F	57	1.73	4	bm	F	62	1.94
5	bm	F	60	1.88	6	bm	F	57	1.65
7	bm	F	65	2.27	8	bm	F	62	1.96
9	bm	F	59	1.72	10	bm	F	59	1.59
11		F	66	2.25	12		F	64	2.14
13		F	63	2.04	14		F	60	1.83
15		F	60	1.99	16		F	63	2.09
17		F	56	1.53	18		F	59	1.76
19		F	59	1.79	20		F	59	1.72
21		F	64	2.17	22		F	58	1.62
23		F	63	2.06	24		F	60	1.79
25		F	60	1.81					

85-323 STATION P 0905 14/06/85 TWO-BOAT TRAWL

CHUM	STICKLE	SOFT
1//1	2//0	3//0

CHUM SALMON

NO.		LENGTH	WEIGHT
1	F	65	2.60

85-324 STATION O 0930 14/06/85 TWO-BOAT TRAWL

SOCKEYE	PINK	CHUM	SOFT
1//0	15//15	4//4	20//0

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1	bm	F	62	2.11	2	bm	F	60	1.75
3	bm	F	58	1.65	4		F	63	2.13
5		F	64	2.29	6		F	65	2.38
7		F	62	2.00	8		F	59	1.69
9		F	61	1.99	10		F	69	2.87
11		F	64	2.15	12		F	62	2.08
13		F	67	2.51	14		F	61	1.97
15		F	66	2.44					

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	65	2.71	2	F	60	2.06
3	F	72	3.67	4	F	65	2.42

85-325 STATION B 1000 14/06/85 TWO-BOAT TRAWL

PINK	CHUM	STICKLE	SILVER	SOFT
4//4	2//2	1//0	1//0	1//0

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	61	1.93	2	F	62	1.94
3	F	65	2.36	4	F	68	2.66

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	71	3.34	2	F	67	2.87

85-326 STATION D 1042 14/06/85 TWO-BOAT TRAWL

SOFT
1//0

```
85-327   STATION C        1117  14/06/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   SOFT
   2//0
----------------------------------------------------------------------


85-328   STATION F        1202  14/06/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   NO CATCH
----------------------------------------------------------------------


85-329   STATION E        1230  14/06/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   SOFT
   1//0
----------------------------------------------------------------------


85-330   STATION N        1300  14/06/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   SANDLANCE
   1//0
----------------------------------------------------------------------


85-331   STATION M        1345  14/06/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   SOCKEYE    COHO       STICKLE    SOFT
   3//0       2//2       50//0      2//0
----------------------------------------------------------------------


                          COHO SALMON
          NO.        LENGTH  WEIGHT     NO.        LENGTH     WEIGHT
           1       N  110      N/A       2       N  114        N/A


85-332   STATION L        1415  14/06/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   STICKLE    SOFT
   15//0      7//0
----------------------------------------------------------------------
```

```
85-333   STATION G        1445  14/06/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   CHUM         COHO         STICKLE
   1//0         2//2         1//0
----------------------------------------------------------------------


                             COHO SALMON
          NO.          LENGTH   WEIGHT      NO.         LENGTH    WEIGHT
           1        N   96        N/A        2       N  105        N/A


85-334   STATION H        1527  14/06/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   SOCKEYE      PINK
   1//0         1//0
----------------------------------------------------------------------


85-335   STATION I        1610  14/06/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   NO CATCH
----------------------------------------------------------------------


85-336   STATION J        1641  14/06/85  TWO-BOAT TRAWL
----------------------------------------------------------------------
   PINK         CHUM         STICKLE     HERRING
   175//69      1//1         1//0        1//0
----------------------------------------------------------------------


                             PINK SALMON
          NO.          LENGTH   WEIGHT      NO.         LENGTH    WEIGHT
           1   bm   F   65       2.48        2   bm  F   62        2.13
           3   bm   F   62       2.02        4   bm  F   61        2.17
           5   bm   F   62       2.15        6   bm  F   66        2.74
           7   bm   F   67       2.68        8   bm  F   62        2.16
           9   bm   F   64       2.50       10   bm  F   66        2.68
          11   bm   F   63       2.55       12   bm  F   62        2.14
          13   bm   F   61       2.11       14   bm  F   59        1.86
          15   bm   F   58       1.78       16   bm  F   69        3.15
          17   bm   F   64       2.75       18   bm  F   61        2.07
          19   bm   F   63       2.30       20       F   62        2.12
          21        F   65       2.70       22       F   66        2.52
          23        F   69       3.39       24       F   71        3.38
          25        F   61       2.21       26       F   59        1.87
          27        F   64       2.48       28       F   62        2.06
          29        F   68       3.01       30       F   65        2.64
```

31	F	71	3.45	32	F	60	2.02
33	F	70	3.36	34	F	66	2.73
35	F	69	3.08	36	F	68	3.06
37	F	62	2.21	38	F	63	2.40
39	F	64	2.51	40	F	68	3.15
41	F	66	2.79	42	F	60	1.87
43	F	65	2.39	44	F	59	1.94
45	F	66	2.60	46	F	64	2.34
47	F	66	2.58	48	F	63	2.28
49	F	64	2.66	50	F	66	2.69
51	F	67	2.85	52	F	66	2.97
53	F	63	2.39	54	F	63	2.31
55	F	65	2.53	56	F	63	2.44
57	F	67	2.73	58	F	58	1.54
59	F	66	2.87	60	F	62	2.15
61	F	68	2.83	62	F	65	2.50
63	F	68	2.90	64	F	68	2.84
65	F	64	2.42	66	F	62	2.33
67	F	65	2.51	68	F	63	2.52
69	F	63	2.29				

CHUM SALMON

NO.		LENGTH	WEIGHT
1	F	70	3.29

85-337 STATION K 1655 14/06/85 TWO-BOAT TRAWL

SOCKEYE	PINK	CHUM
7//0	9//9	1//1

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1	bm	F	66	2.63	2	bm	F	63	2.31
3	bm	F	63	2.23	4	bm	F	65	2.54
5	bm	F	68	2.80	6		F	62	2.29
7		F	73	3.78	8		F	66	2.78
9		F	54	1.51					

CHUM SALMON

NO.		LENGTH	WEIGHT
1	F	72	4.89

```
                    1983 GILLNET CATCHES
                    --------------------


83-001   STRATHDANG KWUN 0800  20/03/83  GILLNET 250'
----------------------------------------------------------------------
   STAGHORN
   2//2
----------------------------------------------------------------------


                       STAGHORN SCULPIN
          NO.        LENGTH   WEIGHT      NO.        LENGTH    WEIGHT
           1      F  140       32.04       2      F  120        20.24


83-010   STRATHDANG KWUN 1900  20/03/83  GILLNET
----------------------------------------------------------------------
   SURF
   3//3
----------------------------------------------------------------------


                       SURF SMELT
          NO.        LENGTH   WEIGHT      NO.        LENGTH    WEIGHT
           1      F  140       24.40       2      F  130        17.00
           3      F  140       24.00


83-011   STRATHDANG KWUN 0800  21/03/83  GILLNET 250'
----------------------------------------------------------------------
   GREAT       STAGHORN    STARRY      SHINER      ST POACHER SURF
   3//3        5//5        1//1        7//7        20//16     1//1
----------------------------------------------------------------------


                       GREAT SCULPIN
          NO.        LENGTH   WEIGHT      NO.        LENGTH    WEIGHT
           1      F  240      199.50       2      F  280       295.42
           3      F  260      230.15

                       STAGHORN SCULPIN
          NO.        LENGTH   WEIGHT      NO.        LENGTH    WEIGHT
           1      F  104        9.69       2      F   99         9.80
           3      F   90        8.30       4      F   85         5.93
           5      F   75        4.13
```

STARRY FLOUNDER

NO.		LENGTH	WEIGHT
1	F	100	11.95

SHINER PERCH

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	80	6.95	2	F	80	6.44
3	F	79	6.03	4	F	76	6.52
5	F	88	7.95	6	F	81	7.45
7	F	79	6.42				

STURGEON POACHER

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	181	24.82	2	F	209	42.01
3	F	214	41.83	4	F	189	27.37
5	F	126	7.94	6	F	129	11.71
7	F	121	7.13	8	F	119	6.67
9	F	119	5.90	10	F	104	4.22
11	F	100	4.36	12	F	105	4.92
13	F	109	4.79	14	F	104	4.13
15	F	100	3.84	16	F	91	3.00

SURF SMELT

NO.		LENGTH	WEIGHT
1	F	140	24.40

```
83-015   STRATHDANG KWUN 0800  22/03/83  GILLNET 500'
---------------------------------------------------------------------
   POACHER
   1//0
---------------------------------------------------------------------
```

```
83-025   FERGUSON BAY    1730  22/03/83  GILLNET 500'
---------------------------------------------------------------------
   POACHER
   1//0
---------------------------------------------------------------------
```

```
83-026   FERGUSON BAY    0800  23/03/83  GILLNET 250'
---------------------------------------------------------------------
   ENGLISH    SMELT
   1//1       1//0
---------------------------------------------------------------------
```

```
                        ENGLISH SOLE
         NO.       LENGTH  WEIGHT
          1      F  135       N/A


83-027   ROSS ISLET      2100  23/03/83  GILLNET 500'
----------------------------------------------------------------------
   NO CATCH
----------------------------------------------------------------------


83-028   JUSKATLA INLET  0730  24/03/83  GILLNET 500'
----------------------------------------------------------------------
   GREAT       HERRING     POLLOCK
   1//1        16//15      1//1
----------------------------------------------------------------------


                        GREAT SCULPIN
         NO.       LENGTH  WEIGHT
          1      F  285    313.67

                        PACIFIC HERRING
         NO.       LENGTH  WEIGHT      NO.       LENGTH   WEIGHT
          1      F  105      8.49       2      F  103       8.41
          3      F  141     21.10       4      F   95       7.49
          5      F  140     22.31       6      F  105       9.97
          7      F  130     18.62       8      F  108       9.26
          9      F  125     14.59      10      F  105       8.27
         11      F   98      7.83      12      F  100       7.72
         13      F  105     10.23      14      F  125      16.63
         15      F   95      5.96

                        WALLEYE POLLOCK
         NO.       LENGTH  WEIGHT
          1      F  105      8.27


83-273   MARINELLI POINT 0900  19/05/83  GILLNET
----------------------------------------------------------------------
   SOCKEYE     COHO        STICKLE     HERRING     DOGFISH     SHINER
   3//3        20//17      1//1        5//5        3//3        58//58
----------------------------------------------------------------------
```

SOCKEYE SALMON

NO.		LENGTH	WEIGHT
1	F	111	12.20

2 additional sockeye examined but not measured or weighed

COHO SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	112	13.29	2	F	114	16.70
3	F	133	24.18	4	F	125	22.84
5	F	125	20.64	6	F	128	21.80
7	F	113	15.76	8	F	111	12.67
9	F	112	15.06	10	F	125	19.66
11	F	108	12.40	12	F	98	7.91
13	F	107	12.38	14	F	105	12.34
15	F	100	10.25	16	F	106	13.00
17	F	104	11.70				

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT
1	N	65	2.38

PACIFIC HERRING

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	240	168.37	2	N	115	14.74
3	N	126	17.95	4	N	117	14.45
5	N	103	10.17				

SPINY DOGFISH

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	485	397.40	2	N	466	319.50
3	N	495	394.38				

SHINER PERCH

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	159	76.95	2	N	156	76.88
3	N	160	81.81	4	N	159	83.94
5	N	157	80.36	6	N	161	81.49
7	N	164	86.37	8	N	172	96.59
9	N	166	84.46	10	N	179	111.62
11	N	165	85.88	12	N	154	77.31
13	N	167	93.10	14	N	79	7.20
15	N	82	8.00	16	N	83	7.70
17	N	78	7.27	18	N	81	8.03
19	N	72	7.30	20	N	78	7.46
21	N	80	7.87	22	N	78	6.97
23	N	78	7.14	24	N	79	7.51

25	N	85	8.94	26	N	84	8.27
27	N	82	8.15	28	N	81	7.27
29	N	78	7.10	30	N	78	7.19
31	N	79	7.95	32	N	84	8.96
33	N	85	9.47	34	N	81	7.88
35	N	80	7.91	36	N	78	6.91
37	N	81	7.07	38	N	79	6.83
39	N	85	9.38	40	N	79	7.00
41	N	78	7.46	42	N	80	8.28
43	N	81	8.13	44	N	78	7.09
45	N	79	7.63	46	N	84	8.45
47	N	81	8.00	48	N	82	8.11
49	N	81	8.20	50	N	77	7.10
51	F	173	103.35	52	F	78	6.91
53	F	85	8.68	54	F	80	7.27
55	F	78	6.50	56	F	77	7.65
57	F	75	6.08	58	F	77	6.97

83-280 STRATHDANG KWUN 22/05/83 GILLNET

COHO	STICKLE	GREAT	STAGHORN	DOGFISH	FLATFISH
4//2	1//0	1//0	2//0	50//10	2//0
POACHER	SHINER				
1//0	2//0				

COHO SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	112	17.29	2	F	109	15.96

SPINY DOGFISH

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	N/A	N/A	2	N	N/A	N/A
3	N	N/A	N/A	4	N	N/A	N/A
5	N	N/A	N/A	6	N	N/A	N/A
7	N	N/A	N/A	8	N	N/A	N/A
9	N	N/A	N/A	10	N	N/A	N/A

83-284 BRUCE BAY 2100 22/05/83 GILLNET

SOCKEYE	COHO	DOLLY	HERRING
5//5	83//83	1//1	1//0

SOCKEYE SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	103	9.27	2	N	104	11.06
3	N	97	8.50	4	N	103	10.74
5	N	97	8.68				

COHO SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	113	14.80	2	N	108	12.55
3	N	122	18.54	4	N	115	15.69
5	N	129	20.97	6	N	121	18.13
7	N	108	13.13	8	N	109	18.71
9	N	115	15.98	10	N	105	12.32
11	N	107	14.30	12	N	128	22.30
13	N	116	15.53	14	N	115	15.36
15	N	118	17.59	16	N	122	17.20
17	N	115	14.85	18	N	128	21.43
19	N	117	17.05	20	N	122	18.65
21	N	109	14.25	22	N	119	16.37
23	N	122	16.60	24	N	119	18.32
25	N	110	13.81	26	N	119	16.86
27	N	108	11.95	28	N	123	18.69
29	N	118	17.63	30	N	121	18.41
31	N	112	14.45	32	N	113	17.27
33	N	118	17.74	34	N	112	14.48
35	N	117	16.37	36	N	108	13.48
37	N	111	14.21	38	N	109	13.93
39	N	111	15.30	40	N	119	17.15
41	N	123	18.12	42	N	120	19.26
43	N	117	15.94	44	N	119	17.57
45	N	114	14.21	46	N	119	17.57
47	N	115	15.35	48	N	117	16.00
49	N	105	13.20	50	N	118	16.26
51	N	125	18.79	52	N	110	15.44
53	N	128	19.80	54	N	117	16.46
55	N	118	16.84	56	N	114	15.11
57	N	118	15.81	58	N	122	18.40
59	N	117	16.49	60	N	117	17.20
61	N	122	17.56	62	N	109	15.62
63	N	115	14.43	64	N	114	16.37
65	N	119	15.01	66	N	112	16.07
67	N	115	16.43	68	N	108	13.63
69	N	129	19.75	70	N	109	13.65
71	N	107	13.56	72	N	116	15.78
73	N	118	15.86	74	N	121	18.27
75	N	107	13.28	76	N	117	17.19
77	N	109	13.14	78	N	114	16.67
79	N	110	13.90	80	N	110	14.88
81	N	117	15.83	82	N	108	12.60
83	N	118	18.09				

```
                   DOLLY VARDEN
      NO.        LENGTH   WEIGHT
       1      N  122       16.37


83-302   SLADE BAY       0855  24/05/83  GILLNET
--------------------------------------------------------------------------
   SOCKEYE     COHO        DOLLY       HERRING     SHINER
   1//1        2//1        2//2        1//1        10//9
--------------------------------------------------------------------------


                   SOCKEYE SALMON
      NO.        LENGTH   WEIGHT
       1      F   99        9.20

                   COHO SALMON
      NO.        LENGTH   WEIGHT
       1      F  127       21.43

                   DOLLY VARDEN
      NO.        LENGTH   WEIGHT       NO.        LENGTH   WEIGHT
       1      F  258      186.50        2      F  310      247.40

                   PACIFIC HERRING
      NO.        LENGTH   WEIGHT
       1      F  240      166.44

                   SHINER PERCH
      NO.        LENGTH   WEIGHT       NO.        LENGTH   WEIGHT
       1      F   83        8.47        2      F   80        7.42
       3      F   82        6.86        4      F   85        8.22
       5      F   80        7.45        6      F   83        7.35
       7      F   84        7.62        8      F   80        6.59
       9      F   83        8.04


83-323   WATHUS ISLAND   0940  24/05/83  GILLNET
--------------------------------------------------------------------------
   SOCKEYE     GREAT       HERRING     SEBASTES
   3//0        1//0        1//0        5//0
--------------------------------------------------------------------------
```

83-333 PARKER POINT 27/05/83 GILLNET

COHO	SEBASTES
6//6	1//1

COHO SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	143	30.69	2	F	128	21.30
3	F	118	17.97	4	F	114	15.85
5	F	113	16.51	6	F	115	15.64

ROCKFISH SPECIES

NO.		LENGTH	WEIGHT
1	F	176	8.41

83-360 AWUN BAY 29/05/83 GILLNET

COHO	DOLLY	HERRING	SEBASTES	SHINER
2//2	6//6	2//2	1//1	6//6

COHO SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	138	32.26	2	F	123	18.08

DOLLY VARDEN

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	137	23.55	2	F	133	19.93
3	F	132	23.25	4	F	140	22.88
5	F	140	25.35	6	F	134	21.87

PACIFIC HERRING

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	123	141.82	2	F	244	148.95

ROCKFISH SPECIES

NO.		LENGTH	WEIGHT
1	F	207	132.67

SHINER PERCH

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	82	6.74	2	F	85	7.39
3	F	82	7.15	4	F	82	6.90
5	F	83	8.02	6	F	86	7.44

```
83-391   JUSKATLA INLET          02/06/83  GILLNET
-------------------------------------------------------------------
   PINK         CUTTHROAT  GREAT        STAGHORN   DOGFISH    KELP
   1//1         1//1       1//1         2//2       2//0       1//1
-------------------------------------------------------------------


                           PINK SALMON
         NO.         LENGTH   WEIGHT
          1        F   66        2.74


                           CUTTHROAT TROUT
         NO.         LENGTH   WEIGHT
          1        F  240     172.55


                           GREAT SCULPIN
         NO.         LENGTH   WEIGHT
          1        F  177       83.88


                           STAGHORN SCULPIN
         NO.         LENGTH   WEIGHT      NO.        LENGTH   WEIGHT
          1        F  241     163.69       2       F  222     185.82


                           KELP GREENLING
         NO.         LENGTH   WEIGHT
          1        F  224     128.87


83-394   JUSKATLA INLET          04/06/83  GILLNET
-------------------------------------------------------------------
   DOGFISH
   2//0
-------------------------------------------------------------------


83-396   SAVORY BAY              05/06/83  GILLNET
-------------------------------------------------------------------
   SOCKEYE      DOLLY      CUTTHROAT    STAGHORN   BLACK      DOGFISH
   1//0         2//2       7//7         2//2       3//3       1//1
   KELP         SHINER     PAC COD
   3//3         44//44     16//0
-------------------------------------------------------------------
```

DOLLY VARDEN

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	319	353.58	2	N	262	167.50

CUTTHROAT TROUT

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	260	121.20	2	N	320	341.60
3	N	352	450.00	4	N	357	568.90
5	N	382	575.10	6	N	361	410.20
7	N	323	310.52				

STAGHORN SCULPIN

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	218	120.20	2	N	231	160.20

BLACK ROCKFISH

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	432	N/A	2	N	252	225.60
3	N	227	216.90				

SPINY DOGFISH

NO.		LENGTH	WEIGHT
1	N	45	399.00

KELP GREENLING

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	240	178.90	2	N	258	227.70
3	N	227	151.10				

SHINER PERCH

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	149	74.00	2	N	142	64.30
3	N	139	56.40	4	N	136	51.40
5	N	139	57.02	6	N	134	48.56
7	N	139	45.70	8	N	133	52.50
9	N	144	61.40	10	N	146	62.40
11	N	142	54.10	12	N	144	63.40
13	N	138	54.00	14	N	148	62.90
15	N	142	63.50	16	N	141	57.80
17	N	136	55.10	18	N	79	8.30
19	N	83	9.25	20	N	81	8.44
21	N	88	10.44	22	N	82	8.03
23	N	82	8.61	24	N	78	7.09
25	N	82	8.09	26	N	76	6.57
27	N	82	N/A	28	N	81	8.35
29	N	84	9.40	30	N	81	8.10

31	N	78	7.53	32	N	79	7.31
33	N	81	8.26	34	N	82	9.40
35	N	80	9.00	36	N	81	8.48
37	N	79	7.25	38	N	84	8.93
39	N	78	7.62	40	N	81	8.76
41	N	80	7.60	42	N	89	10.42
43	N	83	8.94	44	N	77	7.80

83-418 FERGUSON BAY GILLNET

DOLLY	HERRING	BLACK	DOGFISH	SHINER
2//2	36//36	3//3	1//1	2//2

DOLLY VARDEN

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1		192	N/A	2		145	N/A

PACIFIC HERRING

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	102	N/A	2	N	100	N/A
3	N	110	N/A	4	N	108	N/A
5	N	104	N/A	6	N	113	N/A
7	N	94	N/A	8	N	95	N/A
9	N	96	N/A	10	N	105	N/A
11	N	98	N/A	12	N	102	N/A
13	N	106	N/A	14	N	106	N/A
15	N	106	N/A	16	N	104	N/A
17	N	106	N/A	18	N	101	N/A
19	N	104	N/A	20	N	92	N/A
21	N	93	N/A	22	N	101	N/A
23	N	97	N/A	24	N	98	N/A
25	N	99	N/A	26	N	96	N/A
27	N	97	N/A	28	N	104	N/A
29	N	98	N/A	30	N	111	N/A
31	N	90	N/A	32	N	98	N/A
33	N	95	N/A	34	N	99	N/A
35	N	98	N/A	36	N	105	N/A

BLACK ROCKFISH

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	224	N/A	2	N	192	N/A
3	N	203	N/A				

```
                    SPINY DOGFISH
      NO.         LENGTH   WEIGHT
       1       N  490        N/A


                    SHINER PERCH
      NO.         LENGTH   WEIGHT      NO.         LENGTH   WEIGHT
       1          153        N/A        2            87       N/A


83-419   GREG POINT            07/06/83  GILLNET
----------------------------------------------------------------------
   HERRING     SHINER     PAC COD
   3//3        3//3       3//3
----------------------------------------------------------------------


                    PACIFIC HERRING
      NO.         LENGTH   WEIGHT      NO.         LENGTH   WEIGHT
       1       F  112       15.11       2       F  138       31.75
       3       F  126       19.12


                    SHINER PERCH
      NO.         LENGTH   WEIGHT      NO.         LENGTH   WEIGHT
       1       F   88       10.01       2       F   78        8.02
       3       F   80        9.23


                    PACIFIC COD
      NO.         LENGTH   WEIGHT      NO.         LENGTH   WEIGHT
       1       F  250      177.83       2       F  260      214.39
       3       F  255      187.26


83-420   MARINELLI POINT       08/06/83  GILLNET
----------------------------------------------------------------------
   GREAT       STAGHORN   HERRING    SHINER     PRICKLE
   1//0        3//3       1//1       33//33     1//1
----------------------------------------------------------------------


                    STAGHORN SCULPIN
      NO.         LENGTH   WEIGHT      NO.         LENGTH   WEIGHT
       1       N   244       N/A        2       N    98       N/A
       3       N   183       N/A


                    PACIFIC HERRING
      NO.         LENGTH   WEIGHT
       1       N    97       N/A
```

SHINER PERCH

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	82	N/A	2	N	86	N/A
3	N	83	N/A	4	N	82	N/A
5	N	86	N/A	6	N	82	N/A
7	N	87	N/A	8	N	85	N/A
9	N	83	N/A	10	N	79	N/A
11	N	84	N/A	12	N	85	N/A
13	N	80	N/A	14	N	80	N/A
15	N	85	N/A	16	N	81	N/A
17	N	79	N/A	18	N	88	N/A
19	N	81	N/A	20	N	82	N/A
21	N	87	N/A	22	N	82	N/A
23	N	83	N/A	24	N	82	N/A
25	N	80	N/A	26	N	79	N/A
27	N	150	N/A	28	N	83	N/A
29	N	79	N/A	30	N	77	N/A
31	N	78	N/A	32	N	87	N/A
33	N	82	N/A				

PACIFIC SNAKE PRICKLEBACK

NO.		LENGTH	WEIGHT
1	N	235	N/A

83-421 BORROWMAN SHOAL 08/06/83 GILLNET

CHUM	COHO
1//1	7//7

CHUM SALMON

NO.		LENGTH	WEIGHT
1	N	121	17.52

COHO SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	116	17.07	2	N	97	9.18
3	N	107	13.80	4	N	116	17.18
5	N	115	16.15	6	N	98	9.73
7	N	105	13.66				

83-422 MARINELLI POINT 0900 09/06/83 GILLNET

SOCKEYE	CUTTHROAT	STICKLE	STAGHORN	HERRING	DOGFISH
1//1	1//1	1//0	4//4	5//0	1//1

SOCKEYE SALMON

NO.		LENGTH	WEIGHT
1	N	609	2591.5

CUTTHROAT TROUT

NO.		LENGTH	WEIGHT
1	N	24	159.61

STAGHORN SCULPIN

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	123	18.06	2	N	146	37.27
3	N	101	11.93	4	N	91	8.92

SPINY DOGFISH

NO.		LENGTH	WEIGHT
1	N	411	275.57

83-441 DAWSON ISLAND 2100 09/06/83 GILLNET

CHUM	HERRING
1//1	1//1

CHUM SALMON

NO.		LENGTH	WEIGHT
1	F	123	16.49

PACIFIC HERRING

NO.		LENGTH	WEIGHT
1	F	223	172.60

83-443 SEWELL 2100 GILLNET

COHO	DOLLY	HERRING	DOGFISH	SHINER	PAC COD
2//2	2//2	13//13	2//2	2//2	4//4

COHO SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	130	23.07	1	N	117	15.19

DOLLY VARDEN

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	330	347.13	2	F	330	N/A

PACIFIC HERRING

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	96	8.66	2	N	119	18.57
3	N	105	11.18	4	N	106	11.47
5	N	110	14.33	6	N	121	16.04
7	N	106	10.17	8	N	106	12.03
9	N	101	10.11	10	N	102	11.23
11	F	112	N/A	12	F	97	N/A
13	F	105	N/A				

SPINY DOGFISH

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	1138	N/A	2	N	1040	N/A

SHINER PERCH

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	82	8.31	2	F	81	8.51

PACIFIC COD

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	250	162.52	2	N	255	161.57
3	F	254	N/A	4	F	250	N/A

83-487 BRUCE BAY 18/06/83 GILLNET

DOLLY	SEBASTES	GREENLING
6//6	9//9	1//1

DOLLY VARDEN

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	398	691.90	2	F	380	572.30
3	F	383	612.80	4	F	319	310.84
5	F	288	255.98	6	F	182	65.69

ROCKFISH SPECIES

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	201	99.50	2	F	204	108.30
3	F	198	95.60	4	F	225	141.10
5	F	205	118.80	6	F	173	67.80
7	F	182	90.70	8	F	173	91.50
9	F	180	95.80				

GREENLING

NO.		LENGTH	WEIGHT
1	F	239	151.40

1984 GILLNET CATCHES

84-084 MARINELLI POINT 1700 15/05/84 75'- 2" GILLNET

SOCKEYE	HERRING	SCULPIN SP	STEELHEAD
1//0	1//0	1//0	1//0

84-091 MARINELLI POINT 2300 16/05/84 75' - 2" GILLNET

GREAT	STAGHORN
1//0	1//0

84-217 BRUCE BAY 250' GILLNET

HERRING	BLACK	DOGFISH
50//0	37//33	40//4

BLACK ROCKFISH

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	200	N/A	2	N	150	N/A
3	N	210	N/A	4	N	180	N/A
5	N	200	N/A	6	N	210	N/A
7	N	210	N/A	8	N	205	N/A
9	N	240	N/A	10	N	230	N/A
11	N	230	N/A	12	N	220	N/A
13	N	230	N/A	14	N	180	N/A
15	N	250	N/A	16	N	220	N/A
17	N	200	N/A	18	N	210	N/A
19	N	240	N/A	20	N	200	N/A
21	N	230	N/A	22	N	210	N/A
23	N	180	N/A	24	N	150	N/A
25	N	200	N/A	26	N	200	N/A
27	N	190	N/A	28	N	220	N/A
29	N	190	N/A	30	N	200	N/A
31	N	220	N/A	32	N	190	N/A
33	N	160	N/A				

SPINY DOGFISH

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	920	N/A	2	N	900	N/A
3	N	790	N/A	4	N	1100	N/A

1985 GILLNET CATCHES

```
85-047   BRUCE BAY       1030  16/04/85   GILLNET
---------------------------------------------------------------------
   BLACK
   2//2
---------------------------------------------------------------------


                         BLACK ROCKFISH
          NO.       LENGTH   WEIGHT     NO.       LENGTH    WEIGHT
           1      N  180       N/A       2      N  210        N/A


85-057   BRUCE BAY       1015  19/04/85   GILLNET
---------------------------------------------------------------------
   STAGHORN   KELP
   1//1       1//1
---------------------------------------------------------------------


                         STAGHORN SCULPIN
          NO.       LENGTH   WEIGHT
           1      F   67       4.53

                         KELP GREENLING
          NO.       LENGTH   WEIGHT
           1      F  286      78.67


85-061   BRUCE BAY       0930  20/04/85   GILLNET
---------------------------------------------------------------------
   HERRING    BLACK      SHINER
   1//1       1//1       1//0
---------------------------------------------------------------------


                         PACIFIC HERRING
          NO.       LENGTH   WEIGHT
           1      F   99       6.25

                         BLACK ROCKFISH
          NO.       LENGTH   WEIGHT
           1      F  196      36.54
```

```
85-073   BRUCE BAY        0830  21/04/85   GILLNET
----------------------------------------------------------------------
   HERRING
   2//0
----------------------------------------------------------------------


85-077   BRUCE BAY        0745  22/04/85   GILLNET
----------------------------------------------------------------------
   SILVER
   1//0
----------------------------------------------------------------------


85-113   BRUCE BAY        0830  03/05/85  GILLNET
----------------------------------------------------------------------
   NO CATCH
----------------------------------------------------------------------


85-114   BRUCE BAY        0800  04/05/85  GILLNET
----------------------------------------------------------------------
   HERRING
   6//0
----------------------------------------------------------------------


85-116   BRUCE BAY        1515  05/05/85  GILLNET
----------------------------------------------------------------------
   NO CATCH
----------------------------------------------------------------------


85-142   PONDS            1030  09/05/85  GILLNET
----------------------------------------------------------------------
   HERRING    SEBASTES   PRICKLE    POLLOCK
   2//0       7//0       1//0       1//0
----------------------------------------------------------------------


85-143   PONDS            1030  10/05/85  GILLNET
----------------------------------------------------------------------
   SOCKEYE    DOLLY      SEBASTES
   1//1       1//1       1//0
----------------------------------------------------------------------
```

```
                         SOCKEYE SALMON
        NO.         LENGTH   WEIGHT
         1      N    90        N/A

                         DOLLY VARDEN
        NO.         LENGTH   WEIGHT
         1      N   260        N/A


85-181   PONDS            0900  18/05/85  GILLNET
-----------------------------------------------------------------
   COHO        TOMCOD
   6//0        1//1
-----------------------------------------------------------------

                         PACIFIC TOMCOD
        NO.         LENGTH   WEIGHT
         1      N   245        N/A
```

1983 PURSE SEINE CATCHES

83-081 MARINELLI POINT 1335 15/04/83 PURSE SEINE 200'

STICKLE
1000//60

THREESPINE STICKLEBACK

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	64	7.81	2	F	56	N/A
3	F	56	N/A	4	F	59	N/A
5	F	53	N/A	6	F	57	N/A
7	F	56	N/A	8	F	55	N/A
9	F	56	N/A	10	F	56	N/A
11	F	53	N/A	12	F	57	N/A
13	F	51	N/A	14	F	53	N/A
15	F	58	N/A	16	F	52	N/A
17	F	53	N/A	18	F	55	N/A
19	F	54	N/A	20	F	55	N/A
21	F	51	N/A	22	F	54	N/A
23	F	58	N/A	24	F	56	N/A
25	F	51	N/A	26	F	55	N/A
27	F	53	N/A	28	F	53	N/A
29	F	56	N/A	30	F	52	N/A
31	F	50	N/A	32	F	57	N/A
33	F	58	N/A	34	F	54	N/A
35	F	55	N/A	36	F	54	N/A
37	F	58	N/A	38	F	56	N/A
39	F	53	N/A	40	F	54	N/A
41	F	52	N/A	42	F	56	N/A
43	F	53	N/A	44	F	54	N/A
45	F	55	N/A	46	F	58	N/A
47	F	56	N/A	48	F	53	N/A
49	F	40	N/A	50	F	41	N/A
51	F	54	N/A	52	F	46	N/A
53	F	60	N/A	54	F	56	N/A
55	F	53	N/A	56	F	56	N/A
57	F	56	N/A	58	F	55	N/A
59	F	52	N/A	60	F	53	N/A

83-223 PONDS 1200 08/05/83 PURSE SEINE

PINK	CHUM	COHO
1000//0	1000//0	7//0

83-234 PONDS 1100 09/05/83 PURSE SEINE

PINK
764//0

83-455 PONDS 13/06/83 PURSE SEINE

PINK
68//68

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	66	N/A	2	N	66	N/A
3	N	67	N/A	4	N	67	N/A
5	N	67	N/A	6	N	68	N/A
7	N	68	N/A	8	N	69	N/A
9	N	69	N/A	10	N	70	N/A
11	N	70	N/A	12	N	70	N/A
13	N	70	N/A	14	N	70	N/A
15	N	71	N/A	16	N	71	N/A
17	N	72	N/A	18	N	72	N/A
19	N	72	N/A	20	N	72	N/A
21	N	72	N/A	22	N	72	N/A
23	N	72	N/A	24	N	72	N/A
25	N	72	N/A	26	N	73	N/A
27	N	73	N/A	28	N	73	N/A
29	N	73	N/A	30	N	73	N/A
31	N	73	N/A	32	N	74	N/A
33	N	74	N/A	34	N	74	N/A
35	N	74	N/A	36	N	75	N/A
37	N	75	N/A	38	N	75	N/A
39	N	75	N/A	40	N	75	N/A
41	N	75	N/A	42	N	75	N/A
43	N	76	N/A	44	N	76	N/A
45	N	76	N/A	46	N	76	N/A
47	N	77	N/A	48	N	77	N/A
49	N	77	N/A	50	N	77	N/A
51	N	78	N/A	52	N	78	N/A
53	N	78	N/A	54	N	78	N/A
55	N	79	N/A	56	N	79	N/A
57	N	79	N/A	58	N	80	N/A
59	N	80	N/A	60	N	80	N/A
61	N	80	N/A	62	N	80	N/A
63	N	80	N/A	64	N	81	N/A
65	N	82	N/A	66	N	85	N/A
67	N	90	N/A	68	N	95	N/A

83-456 SLADE BAY 14/06/83 PURSE SEINE

PINK	CHUM
110//110	30//30

PINK SALMON

NO.			LENGTH	WEIGHT	NO.			LENGTH	WEIGHT
1		F	80	4.67	2		F	78	4.09
3		F	75	3.75	4		F	85	5.48
5		F	83	4.92	6		F	83	4.71
7		F	75	3.89	8		F	73	3.12
9		F	71	3.40	10		F	75	3.69
11		F	71	N/A	12		F	72	N/A
13		F	72	N/A	14		F	78	N/A
15		F	72	N/A	16		F	76	N/A
17		F	76	N/A	18		F	73	N/A
19		F	73	N/A	20		F	70	N/A
21		F	79	N/A	22		F	79	N/A
23		F	72	N/A	24		F	71	N/A
25		F	85	N/A	26		F	75	N/A
27		F	70	N/A	28		F	72	N/A
29		F	72	N/A	30		F	76	N/A
31	bm	F	68	N/A	32	bm	F	68	N/A
33	bm	F	71	N/A	34	bm	F	81	N/A
35		F	81	5.02	36		F	71	3.31
37		F	78	4.26	38		F	80	4.65
39		F	72	3.15	40		F	72	3.31
41		F	72	3.30	42		F	80	5.12
43		F	79	4.39	44		F	79	4.35
45		F	77	4.09	46		F	75	3.57
47		F	73	3.18	48		F	75	3.84
49		F	66	2.80	50		F	80	4.83
51		F	78	3.96	52		F	78	4.34
53		F	74	3.52	54		F	84	5.65
55		F	75	3.58	56		F	75	3.81
57		F	83	5.67	58		F	78	4.64
59		F	81	5.20	60		F	77	4.03
61		F	83	5.49	62		F	76	3.71
63		F	72	3.50	64		F	78	4.27
65		F	76	3.39	66		F	78	4.53
67		F	70	3.19	68		F	76	4.40
69		F	71	3.29	70		F	72	3.32
71		F	72	3.58	72		F	72	3.39
73		F	71	3.25	74		F	68	2.98
75		F	70	3.44	76		F	72	3.63
77		F	70	3.36	78		F	71	3.29
79		F	76	4.48	80		F	74	3.98
81		F	76	4.56	82		F	78	4.53
83	bm	F	78	4.31	84		F	78	3.53
85		F	79	4.34	86		F	70	3.16

87	F	69	3.03	88	F	68	2.93
89	F	71	3.52	90	F	71	3.39
91	F	73	3.77	92	F	73	3.70
93	F	73	3.71	94	F	71	3.29
95	F	69	3.32	96	F	71	3.48
97	F	83	5.51	98	F	70	2.98
99	F	75	3.78	100	F	78	4.56
101	F	66	2.69	102	F	78	4.56
103	F	78	4.37	104	F	73	3.59
105	F	78	4.32	106	F	68	3.09
107	F	72	3.71	108	F	65	2.83
109	F	78	4.58	110	F	76	4.03

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	67	2.92	2	F	68	3.20
3	F	59	2.05	4	F	60	2.35
5	F	60	2.09	6	F	63	2.66
7	F	70	3.52	8	F	63	2.75
9	F	57	2.03	10	F	65	2.78
11	F	66	2.80	12	F	69	N/A
13	F	68	N/A	14	F	69	N/A
15	F	78	N/A	16	F	71	N/A
17	F	64	N/A	18	F	67	N/A
19	F	64	N/A	20	F	74	N/A
21	F	70	N/A	22	F	67	N/A
23	F	71	3.27	24	F	75	4.50
25	F	71	3.13	26	F	64	2.36
27	F	72	3.64	28	F	65	2.30
29	F	70	3.44	30	F	70	3.32

83-488 BRUCE BAY 18/06/83 PURSE SEINE

DATA MISSING OR INCOMPLETE

83-489 BRUCE BAY 18/06/83 PURSE SEINE

DATA MISSING OR INCOMPLETE

83-500 DINAN BAY 1500 20/06/83 PURSE SEINE

HERRING
2//0

83-534 COWLEY ISLAND 24/06/83 PURSE SEINE

PINK	CHUM
69//69	3//3

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	87	N/A	2	A	87	N/A
3	A	92	N/A	4	A	90	N/A
5	A	88	N/A	6	A	90	N/A
7	A	82	N/A	8	A	88	N/A
9	A	90	N/A	10	A	92	N/A
11	A	83	N/A	12	A	91	N/A
13	A	77	N/A	14	A	84	N/A
15	A	84	N/A	16	A	83	N/A
17	A	75	N/A	18	A	83	N/A
19	A	81	N/A	20	A	81	N/A
21	A	83	N/A	22	A	84	N/A
23	A	86	N/A	24	A	84	N/A
25	A	82	N/A	26	A	88	N/A
27	A	88	N/A	28	A	83	N/A
29	A	87	N/A	30	A	87	N/A
31	A	89	N/A	32	A	87	N/A
33	A	87	N/A	34	A	80	N/A
35	F	83	5.39	36	F	98	9.15
37	F	82	4.96	38	F	83	5.48
39	F	85	6.08	40	F	85	5.87
41	F	77	4.04	42	F	83	6.02
43	F	81	5.55	44	F	80	5.62
45	F	82	5.02	46	F	83	5.79
47	F	75	4.24	48	F	79	4.80
49	F	79	4.70	50	F	87	6.54
51	F	86	6.22	52	F	83	5.20
53	F	84	6.42	54	F	87	7.13
55	F	84	5.86	56	F	81	5.42
57	F	78	4.99	58	F	92	7.92
59	F	86	6.06	60	F	81	4.95
61	F	81	5.40	62	F	83	5.81
63	F	76	3.99	64	F	71	3.43
65	F	81	5.59	66	F	72	3.86
67	F	81	5.16	68	F	88	6.38
69	F	86	5.73				

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	83	5.19	2	F	71	3.33
3	F	76	4.58				

83-535 COWLEY ISLAND 24/06/83 PURSE SEINE

PINK	CHUM
68//68	7//7

PINK SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	A	85	N/A	2	A	87	N/A
3	A	82	N/A	4	A	87	N/A
5	A	84	N/A	6	A	85	N/A
7	A	87	N/A	8	A	82	N/A
9	A	81	N/A	10	A	83	N/A
11	A	81	N/A	12	A	91	N/A
13	A	88	N/A	14	A	86	N/A
15	A	84	N/A	16	A	88	N/A
17	A	87	N/A	18	A	84	N/A
19	A	85	N/A	20	A	83	N/A
21	A	83	N/A	22	A	85	N/A
23	A	89	N/A	24	A	84	N/A
25	A	86	N/A	26	A	77	N/A
27	A	80	N/A	28	A	80	N/A
29	A	88	N/A	30	A	82	N/A
31	A	81	N/A	32	A	88	N/A
33	A	83	N/A	34	F	88	7.60
35	F	88	6.27	36	F	87	6.14
37	F	79	4.83	38	F	84	5.68
39	F	84	5.73	40	F	80	4.81
41	F	80	5.09	42	F	82	5.32
43	F	86	5.97	44	F	77	4.35
45	F	91	6.84	46	F	78	4.00
47	F	81	5.20	48	F	77	4.53
49	F	83	5.52	50	F	88	6.70
51	F	84	4.66	52	F	85	5.95
53	F	83	5.19	54	F	85	6.11
55	F	81	5.32	56	F	82	5.47
57	F	78	4.32	58	F	78	5.01
59	F	81	5.54	60	F	80	4.43
61	F	81	5.13	62	F	78	4.29
63	F	84	5.56	64	F	80	4.96
65	F	81	4.75	66	F	88	5.94
67	F	84	5.38	68	F	88	6.83

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	84	5.77	2	F	90	6.92
3	F	81	5.14	4	F	79	5.29
5	A	80	N/A	6	A	84	N/A
7	A	78	N/A				

83-543 STRATHDANG KWUN 26/06/83 PURSE SEINE

PINK	CHUM
51//51	4//4

PINK SALMON

NO.			LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1		F	89	6.16	2	F	88	6.04
3		F	92	6.58	4	F	92	6.83
5		F	94	7.42	6	F	90	6.16
7		F	100	7.90	8	F	92	6.55
9		F	85	5.38	10	F	90	7.11
11		F	93	7.27	12	F	91	6.42
13		F	91	N/A	14	F	92	6.97
15		F	92	6.94	16	F	93	7.34
17		F	89	5.96	18	F	87	5.80
19		F	88	6.01	20	F	88	6.39
21		F	91	6.85	22	F	85	5.72
23		F	92	7.43	24	F	92	6.70
25		F	87	5.10	26	F	87	6.02
27		F	91	6.65	28	F	92	7.07
29		F	91	6.24	30	F	89	6.17
31		F	89	5.92	32	F	81	4.31
33		F	83	5.03	34	F	91	6.37
35		F	88	5.60	36	F	85	4.87
37		F	83	4.96	38	F	82	5.39
39		F	86	5.85	40	F	85	5.54
41		F	91	6.53	42	F	83	4.80
43		F	77	4.23	44	F	80	4.85
45		F	84	5.56	46	F	84	5.32
47		F	86	5.41	48	F	78	4.02
49		F	92	6.58	50	F	89	5.78
51	bm	F	92	7.10				

CHUM SALMON

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	F	83	5.04	2	F	84	5.64
3	F	82	4.77	4	F	70	3.15

1984 PURSE SEINE CATCHES

84-212 WHARTON ISLAND 1030 18/06/84 200' PURSE SEINE

CHUM
8//0

84-213 PONDS 1100 18/06/84 200' PURSE SEINE

CHUM
146//33

CHUM SALMON

NO.			LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1		F	74	N/A	2	F	91	N/A
3		F	75	N/A	4	F	75	N/A
5		F	84	N/A	6	F	79	N/A
7		F	83	N/A	8	F	83	N/A
9		F	81	N/A	10	F	76	N/A
11		F	83	N/A	12	F	82	N/A
13		F	77	N/A	14	F	80	N/A
15	bm	F	79	N/A	16	F	74	N/A
17		F	83	N/A	18	F	79	N/A
19		F	88	N/A	20	F	78	N/A
21		F	77	N/A	22	F	75	N/A
23		F	72	N/A	24	F	80	N/A
25		F	73	N/A	26	F	78	N/A
27		F	73	N/A	28	F	79	N/A
29		F	75	N/A	30	F	85	N/A
31		F	80	N/A	32	F	85	N/A
33		F	89	N/A				

84-214 SHANNON BAY 1200 18/06/84 200' PURSE SEINE

CHUM	STICKLE
7//0	50//0

84-215 LEARMONTH ISLAND 1300 18/06/84 200' PURSE SEINE

NO CATCH

```
84-216   SLADE BAY       1440  18/06/84   200' PURSE SEINE
---------------------------------------------------------------------
   CHUM
   4//0
---------------------------------------------------------------------
```

1983 ANGLING CATCHES

83-049 YAKOUN RIVER 1400 02/04/83 ANGLING

DOLLY	CUTTHROAT
1//1	5//5

DOLLY VARDEN

NO.		LENGTH	WEIGHT
1	N	390	466.0

COASTAL CUTTHROAT TROUT

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	360	590.0	2	N	335	462.0
3	N	300	319.0	4	N	280	266.0
5	N	280	272.0				

83-063 AIN RIVER 1700 10/04/83 ANGLING

DOLLY	CUTTHROAT
1//1	1//1

DOLLY VARDEN

NO.		LENGTH	WEIGHT
1	N	220	N/A

COASTAL CUTTHROAT TROUT

NO.		LENGTH	WEIGHT
1	N	410	592.00

83-176 AWUN RIVER 1400 01/05/83 ANGLING

COHO	DOLLY	CUTTHROAT
5//0	11//0	14//3

COASTAL CUTTHROAT TROUT

NO.		LENGTH	WEIGHT	NO.		LENGTH	WEIGHT
1	N	400	914.00	2	N	345	389.00
3	N	360	593.00				

```
83-281   KUMDIS BAY      1500  22/05/83  ANGLING
----------------------------------------------------------------------
   CUTTHROAT
   8//4
----------------------------------------------------------------------


                         COASTAL CUTTHROAT TROUT
          NO.        LENGTH   WEIGHT      NO.         LENGTH   WEIGHT
           1      N  302       N/A         2       N  321       N/A
           3      N  276       N/A         4       N  375       N/A


83-297   MARINELLI POINT       19/05/83  ANGLING
----------------------------------------------------------------------
   GREAT
   1//1
----------------------------------------------------------------------


                         GREAT SCULPIN
          NO.        LENGTH   WEIGHT
           1      N  151       47.26


83-298   MARINELLI POINT       20/05/83  ANGLING
----------------------------------------------------------------------
   GREAT       STAGHORN
   1//1        2//0
----------------------------------------------------------------------


                         GREAT SCULPIN
          NO.        LENGTH   WEIGHT
           1      N  152       52.13


83-300   MARINELLI POINT       21/05/83  ANGLING
----------------------------------------------------------------------
   GREAT
   1//1
----------------------------------------------------------------------


                         GREAT SCULPIN
          NO.        LENGTH   WEIGHT
           1      N  151       50.6
```

```
83-301   MARINELLI POINT       23/05/83  ANGLING
---------------------------------------------------------------------
   GREAT
   1//1
---------------------------------------------------------------------


                         GREAT SCULPIN
          NO.       LENGTH  WEIGHT
           1      N  142      42.38

83-313   MARINELLI POINT       24/05/83  ANGLING
---------------------------------------------------------------------
   GREAT
   3//3
---------------------------------------------------------------------


                         GREAT SCULPIN
          NO.       LENGTH  WEIGHT        NO.       LENGTH   WEIGHT
           1      N  195     111.28        2      N  115       20.70
           3      N   90      10.90
```

1983 FISH TRAP CATCHES

83-277 MARINELLI POINT 1715 21/05/83 FISH TRAP

PINK	CHUM	COHO	STICKLE	STAGHORN	SHINER
5//0	29//0	3//0	1//0	1//0	3//0

83-278 KUMDIS BAY 2100 21/05/83 FISH TRAP

PINK	COHO	STICKLE	SHINER
2//0	2//0	113/0	9//0

83-279 KUMDIS BAY 1030 22/05/83 FISH TRAP

NO CATCH

83-285 MARINELLI POINT 0815 23/03/83 FISH TRAP

SHINER	TUBESNOUT
111//0	10//0

```
                   1985 FRY-TRAP CATCHES
                   ---------------------

85-030   AIN RIVER      0900  12/04/85   FRY-TRAP
---------------------------------------------------------------------
   CHUM
   300//300*
---------------------------------------------------------------------

85-031   AIN RIVER      0845  13/04/85   FRY-TRAP
---------------------------------------------------------------------
   CHUM
   400//400*
---------------------------------------------------------------------

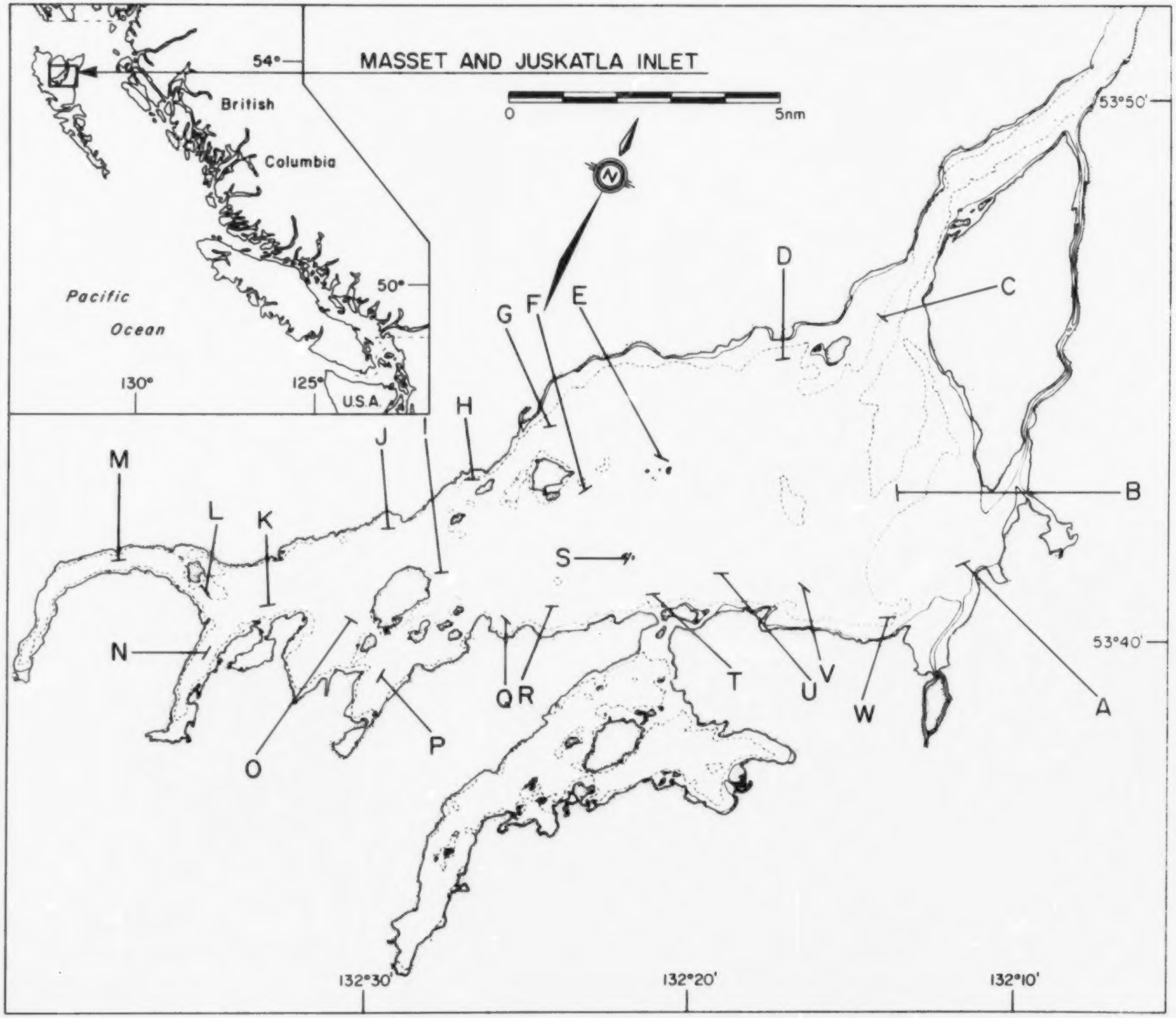
85-046   AIN RIVER      1030  15/04/85   FRY-TRAP
---------------------------------------------------------------------
   CHUM
   200//200*
---------------------------------------------------------------------

85-048   AIN RIVER      1115  16/04/85   FRY-TRAP
---------------------------------------------------------------------
   CHUM
   200//200*
---------------------------------------------------------------------

85-053   AIN RIVER      1345  17/04/85   FRY-TRAP
---------------------------------------------------------------------
   CHUM
   400//400*
---------------------------------------------------------------------

85-055   AIN RIVER      1500  18/04/85   FRY-TRAP
---------------------------------------------------------------------
   CHUM
   150//150*
---------------------------------------------------------------------

85-056   AIN RIVER      0900  19/04/85   FRY-TRAP
---------------------------------------------------------------------
   CHUM
   1000//1000*
---------------------------------------------------------------------
```


MASSET AND JUSKATLA INLET
0
5nm
British
Columbia
Pacific
Ocean
54°
50°
130°
125°
U.S.A.
53°50'
53°40'
132°30'
132°20'
132°10'
A
B
C
D
E
F
G
H
I
J
K
L
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N
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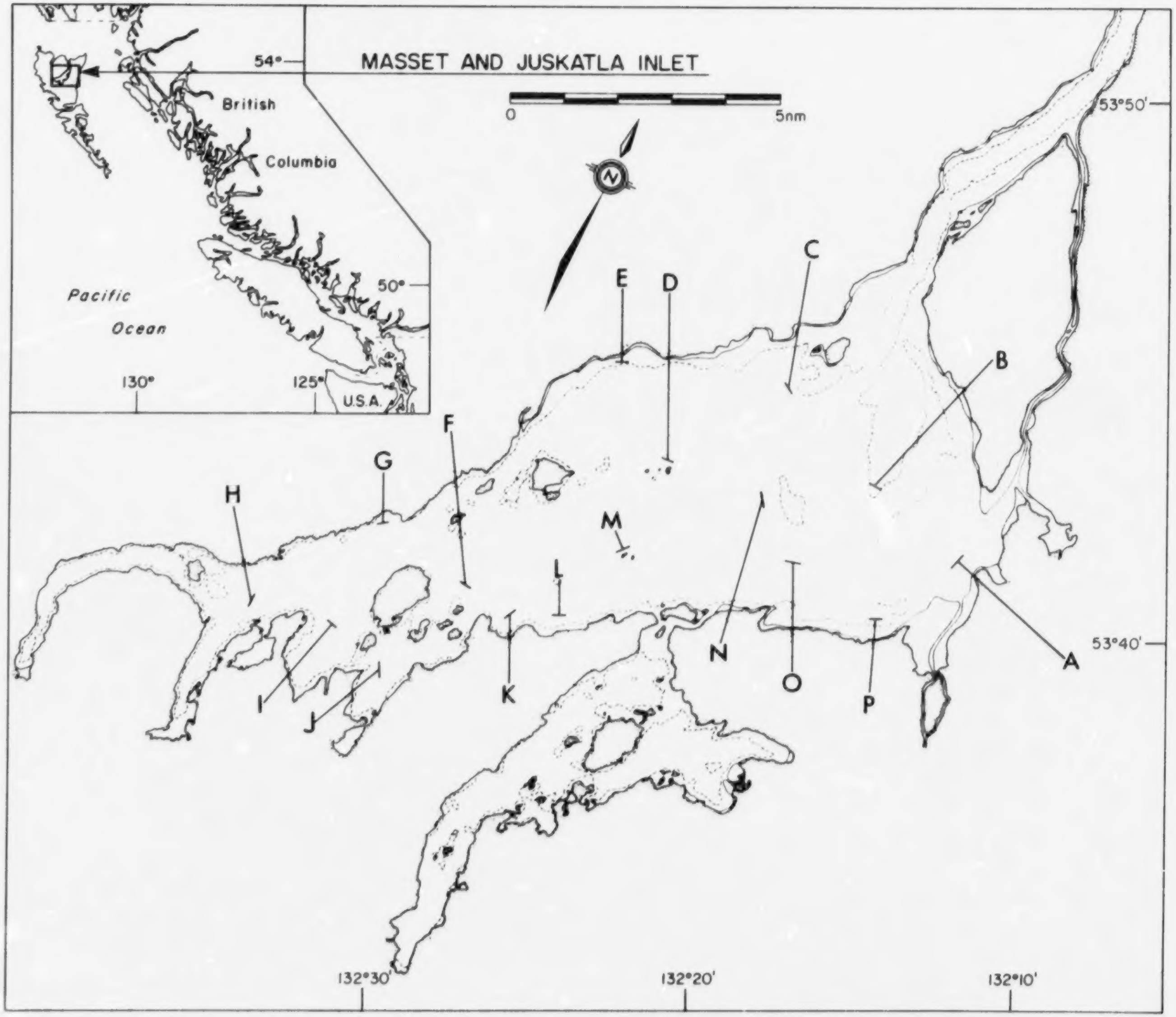
P
Q
R
S
T
U
V
W

Fig. 1. All locations in Masset Inlet where two-boat trawling was conducted in 1983.


MASSET AND JUSKATLA INLET
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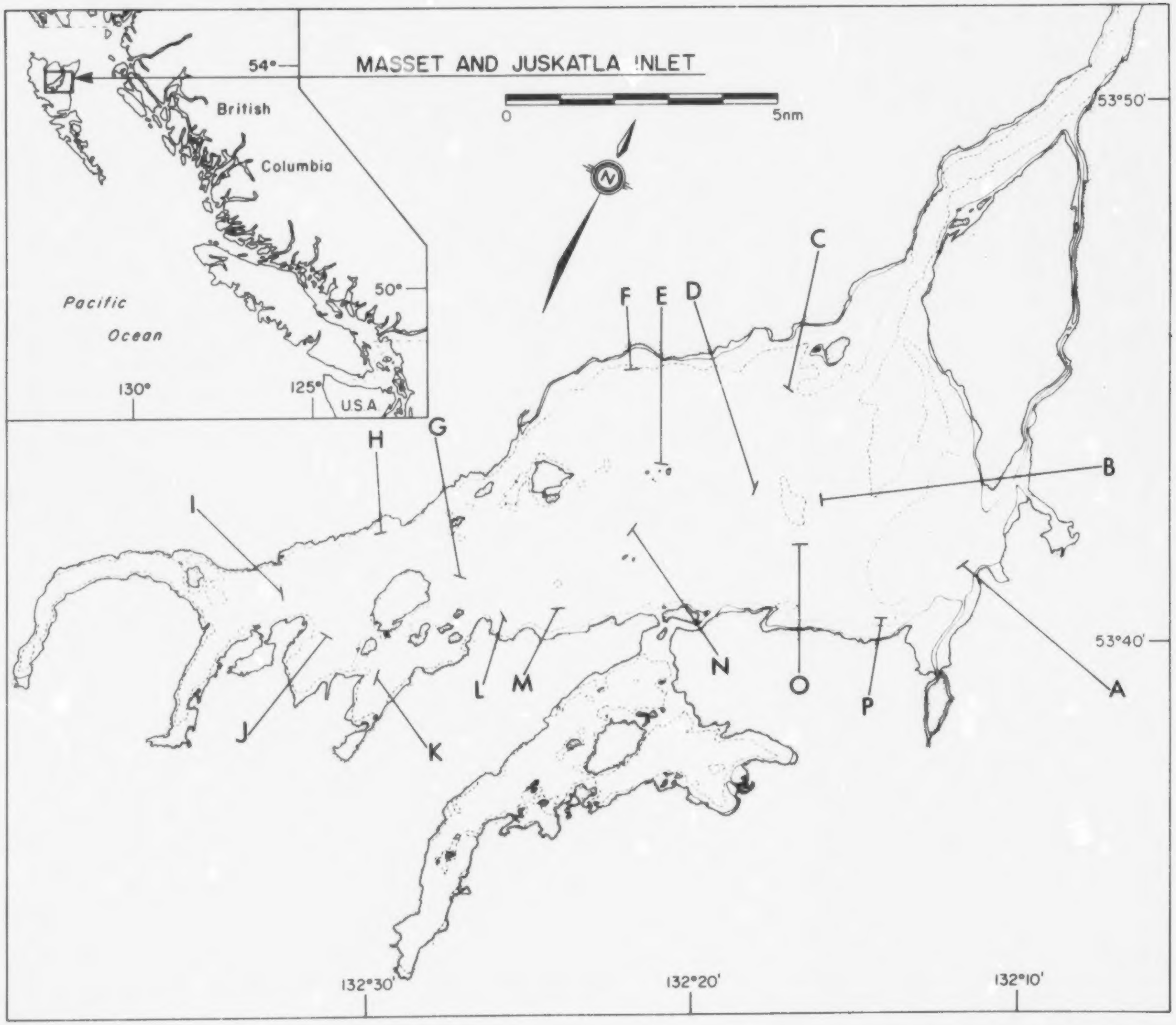
U.S.A.
53°50'
53°40'
132°30'
132°20'
132°10'
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P

Fig. 2. All locations in Masset Inlet where two-boat trawling was conducted in 1984.


MASSET AND JUSKATLA INLET
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Ocean
50°
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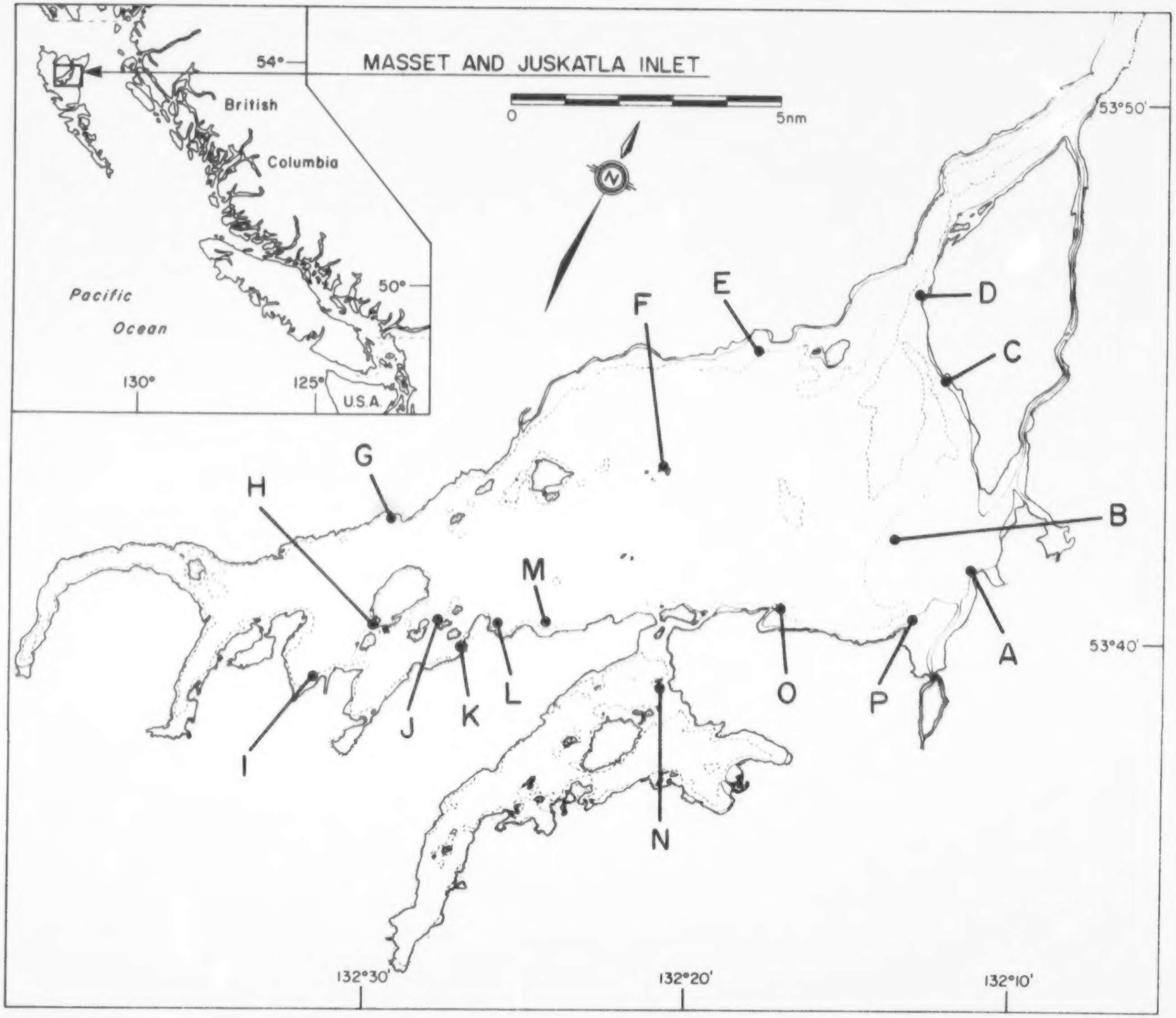
USA
53°50'
53°40'
132°30'
132°20'
132°10'
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P

Fig. 3. All locations in Masset Inlet where two-boat trawling was conducted in 1985.


MASSET AND JUSKATLA INLET
0
5nm
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54°
50°
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125°
British
Columbia
Pacific
Ocean
U.S.A.
53°50'
53°40'
132°30'
132°20'
132°10'
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P

Fig. 4. All locations in Masset Inlet and Juskatla Inlet where gillnetting was conducted in 1983, 1984, and 1985.

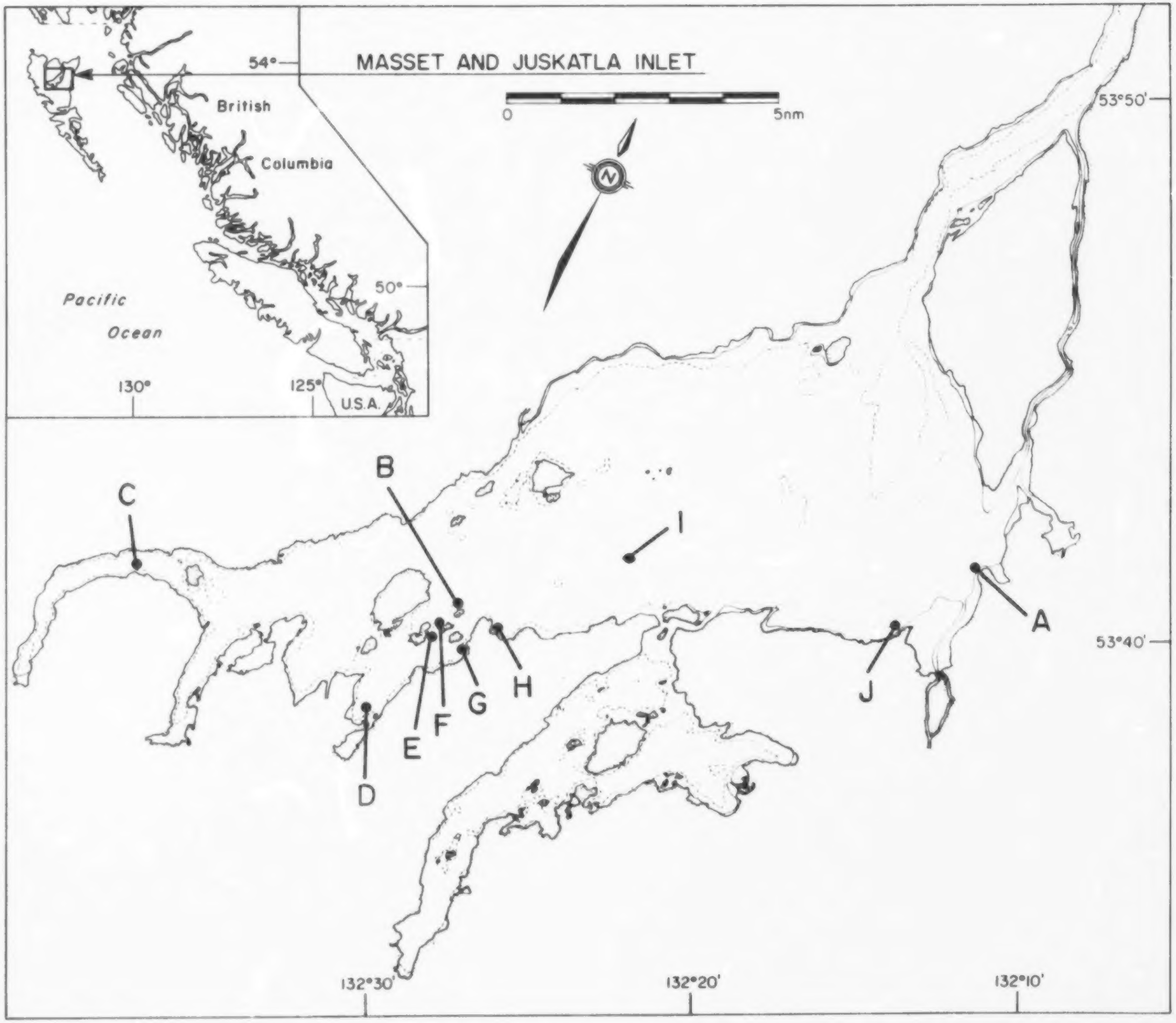
MASSET AND JUSKATLA INLET
0
5nm
N
54°
50°
130°
125°
British
Columbia
Pacific
Ocean
U.S.A.
53°50'
53°40'
132°30'
132°20'
132°10'
A
B
C
D
E
F
G
H
I
J

Fig. 5. All locations in Masset Inlet where purse seining was conducted in 1983 and 1984.

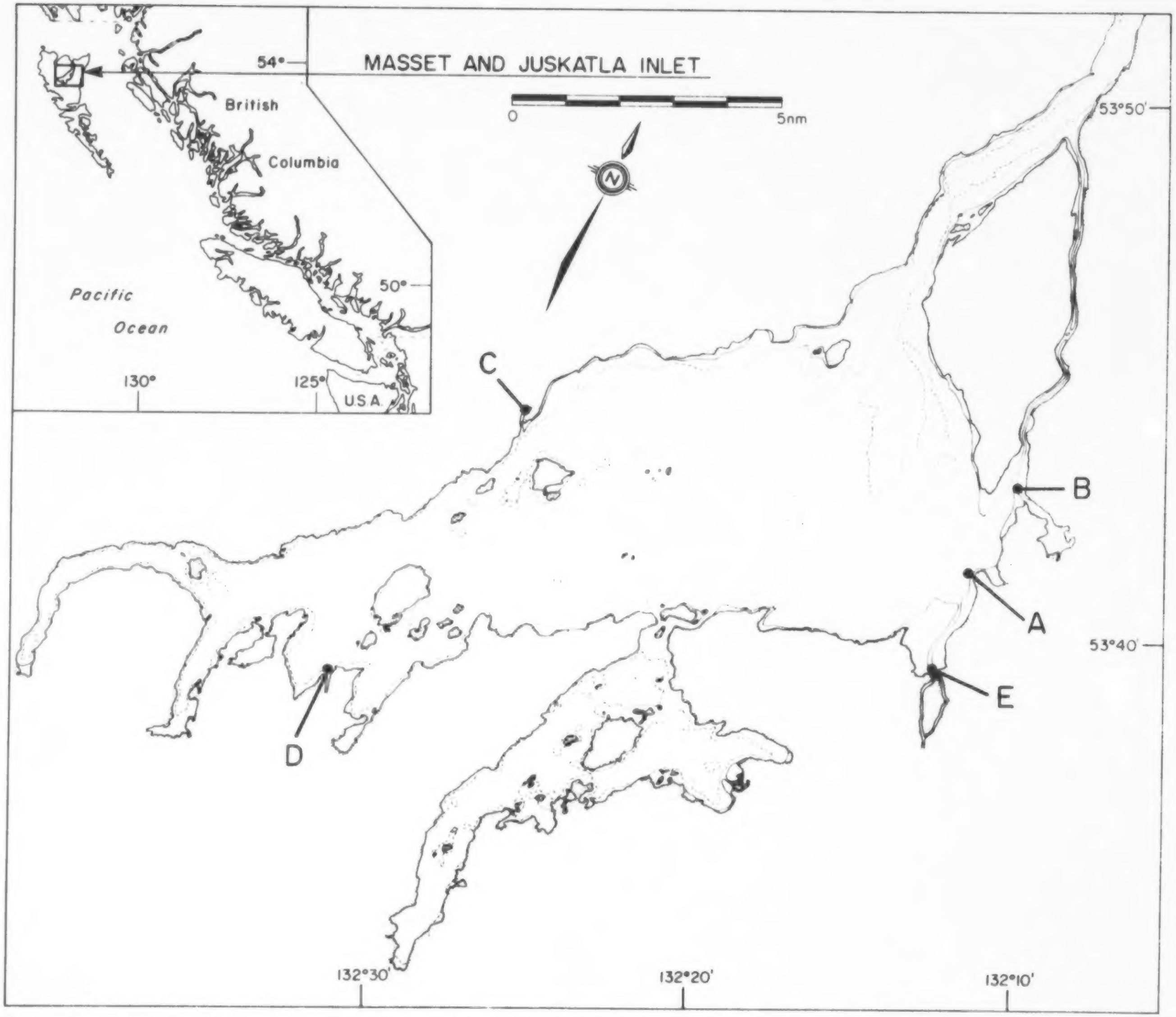
MASSET AND JUSKATLA INLET
0
5nm
N
54°
British
Columbia
Pacific
Ocean
50°
130°
125°
USA
53°50'
53°40'
132°30'
132°20'
132°10'
A
B
C
D
E

Fig. 6. All locations in Masset Inlet where angling and fish trapping were conducted in 1983 and where fry trapping was conducted in 1985.

APPENDIX 1:

To reduce the length of this report, data are shown in a condensed format. Six examples, indicative of the major variations, are shown below. Each example is followed by a detailed explanation on how the data should be interpreted.

EXAMPLE #1:

```
83-254   STATION P       1030  16/05/83  TWO-BOAT TRAWL
--------------------------------------------------------------------
   NO CATCH
--------------------------------------------------------------------
```

This is an example of data for a two-boat trawl set in which no fish were captured. The data should be interpreted as follows:

83-254 - sample identification number

This data report provides information for all sampling completed in 1983, 1984, and 1985, including cases where no fish were captured. In the above example, the first number (83-254) is the code originally used to identify the set. Set numbers were assigned consecutively: the first two digits indicate the year and the dash (-) serves simply to separate the year from the set number. Thus the first three digits in this report are "83-", "84-", or "85-", for sampling conducted in 1983, 1984, or 1985, respectively.

STATION P - location of beach seine set

To facilitate bookkeeping of samples and associated data, each sampling location in Masset Inlet, Masset Sound, and Juskatla Inlet was assigned a unique name. These names, and the physical location to which they refer, are listed in Appendix 3 and shown in Figures 1 through 6.

1030 - the time of day when the sampling was completed.

All times are given in 24 hour format (e.g. 8:10 a.m. is shown as 0810; 3 p.m. is shown as 1500) and are Pacific Standard Time prior to 24 April in 1983, 29 April in 1984, and 28 April in 1985, and Pacific Daylight Savings Time thereafter.

16/05/83 - date of sampling

All dates are shown in day/month/year format.

TWO-BOAT TRAWL - indicates which gear type was used.

This report includes data for six different types of fishing gear. Descriptions of the gear are found in the methods section.

```
---------
NO CATCH  - catch statistics summary
---------
```

A summary of the number of each species of fish captured in this particular set is enclosed between the lines. In this example "NO CATCH" appears, indicating that no fish were captured. See examples below for illustrations of the format used when fish were captured.

EXAMPLE #2:

```
83-201   STATION J       1515  04/05/83  TWO-BOAT TRAWL
-------------------------------------------------------------------
   SOCKEYE     STICKLE     HERRING
   51//0       132//0      2//0
-------------------------------------------------------------------
```

In addition to general information, this example shows the data format used when fish were captured. This type of format should be interpreted as follows:

83-201 - sample identification number (sample number 201, collected in 1983)

STATION J - location of two-boat trawl set (see Fig. 1)

1515 - two-boat trawl set was completed and sample obtained at 1515 hours (3:15 p.m.).

04/05/83 - sample was collected on 4 May 1983.

TWO-BOAT TRAWL - sample was collected with two-boat trawl

```
--------------------------------
   SOCKEYE     STICKLE     HERRING  - summary of number caught
   51//0       132//0      2//0       and number kept for each
--------------------------------      species.
```

The names of fish are abbreviated (see list in Appendix 2). Below the names are two numbers, separated by a double slash (//). The first number indicates the number of fish captured and the second number indicates the number of fish retained for further analyses (e.g. measurements of length and weight). This example indicates that a total of 51 sockeye salmon (*Oncorhynchus nerka*), 132 threespine stickleback (*Gasterosteus aculeatus*), and 2 herring (*Clupea harengus pallasi*) were captured, and none were retained for further analyses.

EXAMPLE #3:

This example illustrates a case where four different species were captured and samples of three species were retained. It also shows the format used for additional data obtained from the subsequent measurements of length and weight of these fish.

```
83-194   STATION A        0908  04/05/83  TWO-BOAT TRAWL
-----------------------------------------------------------------
   SOCKEYE     COHO         STICKLE     HERRING
   6//6        1//1         48//0       13//13
-----------------------------------------------------------------

                          SOCKEYE SALMON
          NO.         LENGTH   WEIGHT      NO.         LENGTH    WEIGHT
           1      F    70         3.16      2      F     68        2.76
           3      F    72         3.51      4      F     65        2.75
           5      F    69         3.03      6      F     75        3.98


                           COHO SALMON
          NO.         LENGTH   WEIGHT
           1      F   115        15.84


                          PACIFIC HERRING
          NO.         LENGTH   WEIGHT      NO.         LENGTH    WEIGHT
           1      F   112        13.15      2      F    128       17.18
           3      F   135        27.22      4      F    107       10.52
           5      F   131        24.75      6      F    123       18.49
           7      F   125        17.69      8      F    130       23.67
           9      F   133        24.50     10      F    121       15.33
          11      F   128        19.76     12      F    115       13.95
          13      F   138        24.04
```

As in the previous examples, the first line provides general information. In this particular case, the sample identification number is 83-194, the sample was collected at Station A, at 0908 hours, on 4 May 1983, using the two-boat trawl.

The second and third lines indicate that four different species of fish were captured: 6 sockeye salmon, 1 coho salmon, 48 threespine stickleback, and 13 herring. Of these, 6 sockeye salmon, 1 coho salmon, and 13 herring were retained for further analyses. None of the stickleback were retained.

The remaining lines provide detailed length and weight data for that were fish retained. In this example, size data are provided for 6 sockeye salmon, 1 coho salmon, and 13 herring - the exact number of fish retained from the original catch. This type of detailed data was not obtained for all samples, as there frequently were not sufficient numbers of fish captured to warrant retaining a sample. The abbreviation "N/A" (meaning Not Available) is sometimes found in the weight column and means the fish was measured but not weighed (as was the case with both sculpin species in this example). Occasionally "N/A" is found in both columns, where fish were examined (in this case usually for stomach contents) but no length or weight data was obtained. These type of records are included to prevent confusion as to whether or not the fish were measured.

EXAMPLE #4:

```
85-030    AIN RIVER             12/04/85   FRY-TRAP
-----------------------------------------------------------------------
   CHUM
   300//300*
-----------------------------------------------------------------------
```

This example is similar to the two previous ones, except that an asterisk ("*") follows the catch data. This indicates that fish were retained live for use in experiments. In order to keep handling stress to a minimum, in some cases fish were not measured or weighed. Thus, no size data follows the catch record. Occasionally, if sufficient numbers of fish were obtained, a random sample was removed before the fish were used in experiments. In these situations some size data follows the catch data.

EXAMPLE #5:

```
83-111    STATION M        1430  21/04/83  TWO-BOAT TRAWL
-----------------------------------------------------------------------
   PINK        CHUM        STICKLE     HERRING
   21//21      4//4        3//0        1//1
-----------------------------------------------------------------------

                              PINK SALMON
          NO.        LENGTH   WEIGHT     NO.         LENGTH    WEIGHT
           1      F    44       0.65      2       F    40        0.60
           3      F    42       0.65      4   bm  F    46        0.80
           5      F    44       0.64      6       F    44        0.64
           7      F    48       0.84      8       F    44        0.62
           9      F    41       0.52     10       F    42        0.57
          11      F    40       0.41     12       F    47        0.79
          13      F    44       0.69     14       F    40        0.53
          15      F    45       0.69     16       F    44        0.68
          17      F    44       0.64     18       F    43        0.62
          19      F    43       0.60     20       F    43        0.65
          21      F    42       0.50

                              CHUM SALMON
          NO.        LENGTH   WEIGHT     NO.         LENGTH    WEIGHT
           1      F    41       0.65      2       F    43        0.76
           3      F    42       0.65      4       F    42        0.62
                              PACIFIC HERRING
          NO.        LENGTH   WEIGHT
           1      F    67       2.09
```

In this example, the unique feature is the "bm" comment beside the fourth pink salmon. This abbreviation stands for "Bite Mark" and means the fish had a scar or wound thought to be the result of an attack by a predator. These data indicate that all fish in this sample were individually examined for bite marks but only one had a scar or wound. In some cases a surplus of fish were retained from the catch and only a portion of these fish were measured and weighed. The remaining fish were examined only for other characteristics (such as scars or wounds). In such cases a comment follows the size data indicating the number of fish that were examined but not measured or weighed.

EXAMPLE #6:

```
83-581    STATION I       1050  29/06/83  TWO-BOAT TRAWL
----------------------------------------------------------------------
   DATA MISSING OR INCOMPLETE
----------------------------------------------------------------------
```

In this example the catch data are missing. At the end of the 1983 field season several original data sheets were lost. Starting at 83-324, and continuing to 83-622, the data have been reconstructed from field notes. However, the field notes often contained little information for species other than salmonids and cottids. Other species were not a major part of the study and therefore in many cases were not recorded in the field notes. As a result, all samples in 1983 after set number 83-324 should be considered incomplete with respect to catches of species other than salmonids and cottids.

APPENDIX 2:

List of fishes and abbreviations used in this report.

Abbreviation	Common Name	Scientific Name
SOCKEYE	sockeye salmon	Oncorhynchus nerka
PINK	pink salmon	O. gorbuscha
CHUM	chum salmon	O. keta
COHO	coho salmon	O. kisutch
DOLLY	Dolly Varden	Salvelinus malma
CUTTHROAT	coastal cutthroat trout	Salmo clarki clarki
STEELHEAD	steelhead trout	S. gairdneri
GREAT	great sculpin	Myoxocephalus polyacanthocephalus
STAGHORN	staghorn sculpin	Leptocottus armatus
SILVER	silverspotted sculpin	Blepsias cirrhosus
SOFT	soft sculpin	Gilbertidia sigalutes
GRUNT	grunt sculpin	Rhamphocottus richardsoni
SANDLANCE	sandlance	Ammodytes hexapterus
TUBESNOUT	tubesnout	Aulorhynchus flavidus
BAYPIPE	bay pipefish	Syngnathus griseolineatus
HERRING	Pacific herring	Clupea harengus pallasi
BLACK	black rockfish	Sebastes melanops
SEBASTES	Rockfish species	Sebastes spp.
FLATFISH	Flounder species	Bothidae or Pleuronectidae
STARRY	starry flounder	Platichthys stellatus
ENGLISH	English sole	Parophrys vetulus
GREENLING	Greenling species	Hexagrammidae
KELP	kelp greenling	Hexagrammos decagrammus
MASKED	masked greenling	H. octogrammus
STICKLE	threespine stickleback	Gasterosteus aculeatus
ST POACHER	sturgeon poacher	Agonus acipenserinus
POACHER	Poacher species	Agonidae
CRESCENT	crescent gunnel	Pholis laeta
GUNNEL	Gunnel species	Pholidae
SHINER	shiner perch	Cymatogaster aggregata
PAC COD	Pacific cod	Gadus macrocephalus
DOGFISH	spiny dogfish	Squalus acanthias
POLLOCK	walleye pollock	Theragra chalcogramma
TOMCOD	Pacific tomcod	Microgadus proximus
PRICKLE	Pacific snake prickleback	Lumpenus sagitta
SURF	surf smelt	Hypomesus pretiosus pretiosus
SMELT	Smelt species	Osmeridae
LARVAL FISH	larval fish species	Pisces

APPENDIX 3:

List of all locations where two-boat trawling was conducted in 1983. The station letters refer to labels shown in Figure 1.

STATION	LOCATION NAME
A	Marinelli Point
B	Borrowman Shoals
C	Mouth of Inlet
D	Sewell
E	Dawson Islands
F	Kwaikans Islands (S.E.)
G	S.E. of Ain River Mouth
H	Buckley Cove
I	Wathus Island (N.E.)
J	Parker Point
K	Off Salt Lagoon
L	Mutus Island
M	Dinan Bay
N	McClinton Bay
O	Awun Bay
P	Shannon Bay
Q	Bruce Bay
R	Ross Islet
S	Cowley Islands
T	Mouth of Juskatla Inlet
U	Mackie Rock
V	Ferguson Bay
W	Strathdang Kwun

List of all locations where two-boat trawling was conducted in 1984. The station letters refer to labels shown in Figure 2.

STATION	LOCATION NAME
A	Marinelli Point
B	Borrowman Shoals
C	Sewell
D	Dawson Islands
E	Shallow Bay
F	Wathus Island to Learmonth Island
G	Parker Point
H	McClinton Bay to Dinan Bay
I	Awun Bay
J	Shannon Bay

K	Bruce Bay
L	Ross Islet
M	Cowley Islands
N	Crab Shoal #1
O	Crab Shoal #2
P	Strathdang Kwun

List of all locations where two-boat trawling was conducted in 1985. The station letters refer to labels shown in Figure 3.

STATION	LOCATION NAME
A	Marinelli Point
B	North East of Marinelli Bank
C	Sewell
D	West of Marinelli Bank
E	Dawson Islands
F	Shallow Bay
G	Wathus Island to Learmonth Island
H	Parker Point
I	McClinton Bay to Dinan Bay
J	Awun Bay
K	Shannon Bay
L	Bruce Bay
M	Ross Islet
N	Cowley Islands
O	South East of Marinelli Bank
P	Strathdang Kwun

List of all the locations where gillnetting was conducted in 1983, 1984, and 1985. The letters correspond to the labels shown in Figure 4.

LABEL	LOCATION
A	Marinelli Point
B	Borrowman Shoals
C	Savory Bay
D	Greg Point
E	Sewell
F	Dawson Island
G	Parker Point
H	Wathus Island
I	Awun Bay
J	Ponds
K	Slade Bay
L	Bruce Bay

M	Ross Islet
N	Juskatla Inlet
O	Ferguson Bay
P	Strathdang Kwun

List of all the locations where purse seining was conducted in 1983, and 1984. The letters correspond to the labels shown in Figure 5.

LABEL	LOCATION
A	Marinelli Point
B	Learmonth Island
C	Dinan Bay
D	Shannon Bay
E	Wharton Island
F	Ponds
G	Slade Bay
H	Bruce Bay
I	Cowley Islands
J	Strathdang Kwun

List of all the locations where angling and fish trapping were conducted in 1983, and where fry trapping was conducted in 1985. The letters correspond to the labels shown in Figure 6.

LABEL	LOCATION
A	Marinelli Point
B	Kumdis Bay
C	Ain River
D	Awun River
E	Yakoun River